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USAFETAC/DS-90/220

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# SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

SCOTT AFB, IL

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



JUNE 1990

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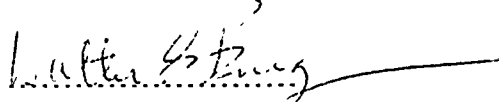
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12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

13. ABSTRACT: +SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.

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## PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: DEC 79 - NOV 89 (AIRWAYS).

SUMMARY OF DAY DATA: JAN 38 - NOV 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMAPKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OST	OBSTRUCTION
FKZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE DATA COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY INDIVIDUAL AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 724338	STATION NAME SCOTT AFB/BELLEVILLE, IL	LATITUDE N 38 33	LONGITUDE W 089 51	FLD ELEV (FT) 453	CALL SIGN BLV	WHO NMBR			
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Scott Field, IL	AAF	Jan 38	Mar 40	N 38 33	W 089 59	441	446	24
2	Same	Same	Apr 40	May 48	Same	Same	Same	444	24
3	Scott AFB, IL	AFB	Jun 48	Jul 56	Same	Same	447	Same	24
4	Same	Same	Aug 56	Feb 59	Same	Same	451	Same	24
5	Same	Same	Mar 59	Feb 60	Same	W 089 51	Same	Same	24
6	Same	Same	Mar 60	Jan 89	Same	Same	453	Same	24
SURFACE WIND EQUIPMENT INFORMATION									
Nmbr of Loc	Date of Change	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE			
1	Jan 38	Atop Post Operations Bldg	Anemometer	N/A	40 ft				
2	Apr 40	On E Annex of Hangar #1	Selsyn	ML-144B	111 ft				
3	Jun 48	Same	Same	Same	115 ft				
4	Mar 55	Same	Same	Same	125 ft				
5	Jun 57	In triangle between rwys	AN/GMQ-11	RO--2	13 ft				
6	Mar 59	1850'N of ROS, 1800'N rwy 18/36	Same	Same	Same				
7	Mar 63	1.1500'NE rwy 31, 600'ne of ctr	Same	Same	20 ft				
		2.500'NW of rwy 13	Same		20 ft				
8	Jul 70	1.1600'N of rwy 32, 600'NE of ctrln	AN/GMQ-20	RO-362	13 ft				
		2.875'S rwy 14, 500'SE ctrln	Same		26 ft				
9	Jan 89	1.Same	Same	Same	12 ft				
		2.Same	Same		20 ft				

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	AAAAAAAA
PP	AAAAAAAA	RR RR	TT	AAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES LL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	3.7	.9	9.5		14.0	20.0	4.7	1.3		40.0	930
03-05	.1	2.9	.8	10.4		14.1	24.0	4.0	1.4		43.4	930
06-08		2.9	1.3	8.5		12.7	28.0	6.1	1.0		47.7	930
09-11	.1	3.7	.4	7.5		11.6	23.4	12.5	1.4		48.9	930
12-14	.1	5.1	.2	5.9		11.2	13.8	13.7	.5		39.1	930
15-17	.3	4.8	.1	6.9		11.8	15.1	10.2	.2		37.3	930
18-20		4.5	.2	6.6		11.3	17.3	9.1			37.7	930
21-23	.1	4.1	.6	7.8		12.6	20.2	6.7	.4		39.9	930
ALL HOURS	.1	4.0	.6	7.9		12.4	20.2	8.4	.8		41.8	7440

MONTH: FEB

00-02	.4	8.8	1.2	8.8		18.8	25.4	8.4	1.5		54.2	849
03-05	.5	9.4	.8	9.8		20.0	30.5	6.5	2.0		59.0	849
06-08	.2	8.7	.4	8.0		17.1	35.8	10.4	2.2		65.5	849
09-11		8.8	.1	8.7		17.7	28.5	17.8	2.4		66.3	849
12-14	.2	7.2		7.9		15.1	17.8	19.6	1.6		54.1	849
15-17	.2	6.9	.1	6.1		13.2	15.5	16.5	1.4		46.6	849
18-20	.4	7.9	.6	6.8		15.3	18.4	13.5	1.6		48.9	849
21-23	.2	8.7	.6	9.7		19.0	21.9	11.4	2.1		54.4	849
ALL HOURS	.3	8.3	.5	8.2		17.0	24.2	13.0	1.9		56.1	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	11.0	.5	3.0		14.5	19.9	4.6	.3	.1	39.5	930
03-05	.9	12.0	.6	3.7		16.3	24.0	3.7	.4		44.4	930
06-08	.6	11.1		4.4		15.5	35.3	9.6	.3		60.6	930
09-11	.2	10.1		4.0	.1	14.2	20.9	15.6	.5		51.2	930
12-14	.1	9.1	.2	3.3		12.7	13.8	12.5	.3		39.2	930
15-17	.3	9.7	.4	3.2		13.3	14.0	11.1	.3		38.7	930
18-20	1.1	9.5	.5	3.1		13.1	15.4	10.4	.1		39.0	930
21-23	.8	8.7	.4	3.8		12.9	18.4	6.2		.2	37.7	930
ALL HOURS	.6	10.1	.3	3.6	.0	14.1	20.2	9.2	.3	.0	43.8	7440

MONTH: APR

00-02	1.7	8.3		1.3		9.7	18.0	2.6		.4	30.7	900
03-05	1.6	7.3		1.0	.1	8.4	21.1	3.2			32.8	900
06-08	.3	7.8		.7		8.4	25.4	11.9		.3	46.1	900
09-11	.7	8.9		.8		9.7	10.1	10.4		.3	30.6	900
12-14	.6	7.1		.7		7.8	6.9	8.3		.2	23.2	900
15-17	.4	9.0		.6		9.6	7.1	6.1			22.8	900
18-20	2.6	11.6		1.2		12.8	9.3	4.0		.1	26.2	900
21-23	1.4	10.2		1.2		11.4	12.4	2.9		.3	27.1	900
ALL HOURS	1.2	8.8		.9	.0	9.7	13.8	6.2		.2	29.9	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.3	5.1				5.1	19.0	7.4			31.5	930
03-05	1.3	7.4				7.4	30.8	7.3			45.5	930
06-08	1.3	6.8				6.8	31.5	16.2			54.5	930
09-11	1.2	7.8				7.8	10.5	19.6			38.0	930
12-14	1.2	7.0				7.0	6.3	13.9			27.2	930
15-17	2.0	7.1				7.1	5.2	12.4			24.6	930
18-20	2.3	6.7				6.7	8.5	11.3		.1	26.6	930
21-23	1.8	5.8				5.8	13.0	10.0			28.8	930
ALL HOURS	1.5	6.7				6.7	15.6	12.3		.0	34.6	7440

MONTH: JUN

00-02	2.2	5.6				5.6	21.9	15.3			42.8	900
03-05	2.1	5.3				5.3	36.1	16.0			57.4	900
06-08	1.7	5.9				5.9	31.6	25.7			63.1	900
09-11	1.1	4.7				4.7	7.6	25.7			37.9	900
12-14	1.6	5.1				5.1	4.3	20.0		.1	29.6	900
15-17	2.9	5.0				5.0	3.2	15.7			23.9	900
18-20	2.9	6.2				6.2	5.6	16.6			28.3	900
21-23	2.1	5.2				5.2	12.2	18.3			35.8	900
ALL HOURS	2.1	5.4				5.4	15.3	19.2		.0	39.8	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.3	4.0				4.0	25.6	29.5			59.0	930
03-05	2.9	4.3				4.3	45.2	29.2			78.7	930
06-08	1.4	3.8				3.8	43.4	39.4			86.6	930
09-11	1.0	4.0			.1	4.1	8.0	41.5			53.5	930
12-14	1.8	3.4				3.4	2.6	31.7			37.7	930
15-17	5.4	5.2			.1	5.3	1.1	27.5			33.9	930
18-20	2.8	3.9				3.9	3.3	26.7			33.9	930
21-23	1.6	3.1				3.1	14.3	29.2			46.7	930
ALL HOURS	2.3	4.0			.0	4.0	17.9	31.8			53.8	7440

MONTH: AUG

00-02	2.2	3.4				3.4	29.2	23.3			56.0	930
03-05	2.2	4.7				4.7	46.2	22.9			73.9	930
06-08	1.4	5.4				5.4	50.1	33.4			88.9	930
09-11	1.1	2.7				2.7	10.1	41.6			54.4	930
12-14	1.2	3.1				3.1	2.3	34.8			40.2	930
15-17	2.6	4.3				4.3	3.7	28.7			36.7	930
18-20	1.9	3.7				3.7	8.1	28.8			40.5	930
21-23	2.2	4.6				4.6	18.9	25.4			48.9	930
ALL HOURS	1.8	4.0				4.0	21.1	29.9			54.9	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.9	5.2				5.2	21.8	11.2			38.2	900
03-05	1.7	4.6				4.6	33.4	10.8			48.8	900
06-08	.9	5.3				5.3	44.6	18.6			68.4	900
09-11	1.0	5.6				5.6	10.7	22.6			38.8	900
12-14	1.8	4.6				4.6	2.4	16.8			23.8	900
15-17	1.0	4.2				4.2	3.2	14.0			21.4	900
18-20	2.2	5.1				5.1	7.0	12.7			24.8	900
21-23	2.3	5.0				5.0	14.0	11.1			30.1	900
ALL HOURS	1.6	4.9				4.9	17.1	14.7			36.8	7200

MONTH: OCT

00-02	.4	10.0				10.0	29.0	7.8			46.9	930
03-05	.9	11.3				11.3	35.2	6.7			53.1	930
06-08	.5	11.3		.1		11.4	44.3	9.0			64.7	930
09-11	.5	11.1		.3		11.4	24.0	16.2			51.6	930
12-14	.6	7.8		.3		8.2	13.5	12.3			34.0	930
15-17	.6	8.3				8.3	10.6	9.5			28.4	930
18-20	1.2	8.4		.3		8.7	15.9	10.9			35.5	930
21-23	.6	7.5		.2		7.7	23.4	10.1			41.3	930
ALL HOURS	.7	9.5		.2		9.6	24.5	10.3			44.4	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.2	13.1		2.1		15.2	24.1	4.0			43.3	900
03-05	1.3	13.4		2.0		15.4	28.4	3.7			47.6	900
06-08	1.4	13.0		1.8		14.8	34.3	8.3			57.4	900
09-11	.9	10.9		1.2		12.1	25.2	12.7			50.0	900
12-14	.1	9.9	.1	1.2		11.2	14.9	10.4			36.6	900
15-17	.8	10.8		1.2		12.0	14.7	8.9			35.6	900
18-20	.7	11.5		1.7		13.2	17.9	5.8			36.9	897
21-23	.9	12.8	.1	2.0		14.9	22.9	5.0			42.8	897
ALL HOURS	.9	11.9	.0	1.7		13.6	22.8	7.4			43.8	7194

MONTH: DEC

00-02	.8	8.9	.5	4.4		13.9	24.5	7.7	.2		44.3	930
03-05	.2	9.8	.4	4.3		14.5	26.2	5.6	.1		46.5	930
06-08	.3	9.4	.3	3.8		13.4	29.9	8.1	1.0		52.4	930
09-11	.1	9.0	.1	4.0		13.1	27.7	12.9	1.0		54.7	930
12-14	.3	9.6	.2	3.3		13.1	20.6	14.2	.4		48.4	930
15-17	.3	11.7	.2	3.8		15.7	19.9	12.0	.4		48.1	930
18-20	.5	11.2		4.5		15.7	20.5	8.8	.3		45.4	930
21-23	.6	10.4	.2	4.8		15.5	21.3	7.4			44.2	930
ALL HOURS	.4	10.0	.3	4.1		14.4	23.8	9.3	.4		48.0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.1	4.0	.6	7.9		12.4	20.2	8.4	.8		41.8	7440
FEB	.3	8.3	.5	8.2		17.0	24.2	13.0	1.9		56.1	6792
MAR	.6	10.1	.3	3.6	.0	14.1	20.2	9.2	.3	.0	43.8	7440
APR	1.2	8.8		.9	.0	9.7	13.8	6.2		.2	29.9	7200
MAY	1.5	6.7				6.7	15.6	12.3		.0	34.6	7440
JUN	2.1	5.4				5.4	15.3	19.2		.0	39.8	7200
JUL	2.3	4.0			.0	4.0	17.9	31.8			53.8	7440
AUG	1.8	4.0				4.0	21.1	29.9			54.9	7440
SEP	1.6	4.9				4.9	17.1	14.7			36.8	7200
OCT	.7	9.5		.2		9.6	24.5	10.3			44.4	7440
NOV	.9	11.9	.0	1.7		13.6	22.8	7.4			43.8	7194
DEC	.4	10.0	.3	4.1		14.4	23.8	9.3	.4		48.0	7440
ANNUAL	1.1	7.3	.1	2.2	.0	9.6	19.7	14.3	.3	.0	44.0	87666

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4901-8911  
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBS TO VSN	TOTAL NO. OF OBS
JAN	2.8	28.9	8.2	32.5	.1	50.1	41.7	49.3	5.6	.1	73.2	1271
FEB	3.7	33.4	4.6	28.5	.2	50.6	44.7	53.9	2.9	.1	77.0	1157
MAR	11.2	42.3	1.3	19.3	1.4	53.1	44.6	51.2	.9		75.8	1271
APR	19.2	52.2	.2	4.0	2.1	53.5	38.1	38.4	.2	.1	71.9	1229
MAY	21.7	47.3			1.1	47.3	44.9	42.3			69.1	1270
JUN	25.9	42.8			.9	42.8	40.7	43.4		.2	69.1	1230
JUL	25.3	39.7			.8	39.7	50.3	55.0			75.9	1271
AUG	21.5	35.8			.8	35.8	58.7	60.7			77.8	1271
SEP	14.1	35.4			.2	35.4	53.0	52.0			72.1	1230
OCT	8.3	35.3		.6	.3	35.6	45.0	45.0			70.0	1271
NOV	5.2	39.4	1.0	12.9	.3	46.1	43.1	44.0	.5		71.9	1230
DEC	2.5	35.1	5.1	23.5	.1	48.8	45.8	49.0	2.8		74.6	1240
ANNUAL	13.5	39.0	1.7	10.0	.7	44.8	45.9	49.1	1.1	.0	73.0	14941



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.2	.4	.6	1.7	1.3	2.2	1.3	2.2	1.9	.4	1.2	.8
03-05	.1	.5	.9	1.6	1.3	2.1	2.9	2.2	1.7	.9	1.3	.2
06-08		.2	.6	.3	1.3	1.7	1.4	1.4	.9	.5	1.4	.3
09-11	.1		.2	.7	1.2	1.1	1.0	1.1	1.0	.5	.9	.1
12-14	.1	.2	.1	.6	1.2	1.6	1.8	1.2	1.8	.6	.1	.3
15-17	.3	.2	.3	.4	2.0	2.9	5.4	2.6	1.0	.6	.8	.3
18-20		.4	1.1	2.6	2.3	2.9	2.8	1.9	2.2	1.2	.7	.5
21-23	.1	.2	.8	1.4	1.8	2.1	1.6	2.2	2.3	.6	.9	.6
ALL HOURS	.1	.3	.6	1.2	1.5	2.1	2.3	1.8	1.6	.7	.9	.4
TOTAL OBS	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7194	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 040	041 - 150	151 - 190	191 - 319	NO OF OBS
TSTMS	22.2		11.1	33.3	33.3		9
LIQUID PRECIP	11.9		23.8	28.0	23.4	12.9	286
FREEZING PRECIP	2.4		38.1	31.0	28.6		42
FROZEN PRECIP	7.1		43.5	11.9	7.9	29.6	605
FOG	20.8		23.4	21.0	15.4	19.3	1489
FOG WITH VIS GE 1/2 MILES	19.9		23.4	21.2	15.5	20.0	1425
TOTAL OBS	1121	0	1838	1094	1134	2253	0 7440

MONTH: FEB HOURS: ALL

TSTMS			33.3	11.1	16.7	38.9	18
LIQUID PRECIP	7.2		36.5	26.6	15.4	14.3	553
FREEZING PRECIP			75.0	25.0			32
FROZEN PRECIP	4.4		55.2	11.5	1.6	27.3	572
FOG	22.3		31.0	19.2	11.8	15.8	1617
FOG WITH VIS GE 1/2 MILES	19.2		31.8	20.2	12.5	16.3	1451
TOTAL OBS	1124	0	2036	1120	892	1620	0 6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 040	041 - 150	151 - 190	191 - 319	NO OF OBS
TSTMS	2.3		13.6	31.8	13.6	38.6	44
LIQUID PRECIP	4.2		30.9	37.6	9.6	17.8	719
FREEZING PRECIP			84.6	15.4			26
FROZEN PRECIP	8.2		44.8	12.3	.4	34.3	268
FOG	14.4		32.1	32.6	8.3	12.7	1496
FOG WITH VIS GE 1/2 MILES	13.9		32.7	32.8	7.9	12.7	1470
TOTAL OBS	976	0	2061	1742	1134	1527	0 7440

MONTH: APR HOURS: ALL

TSTMS	6.0		19.3	33.7	18.1	22.9	83
LIQUID PRECIP	3.0		24.0	33.7	14.7	24.6	566
FREEZING PRECIP							
FROZEN PRECIP	2.9		37.1	27.1	1.4	31.4	70
FOG	19.7		26.5	29.9	9.5	14.5	994
FOG WITH VIS GE 1/2 MILES	19.2		26.2	30.2	9.7	14.7	969
TOTAL OBS	1160	1	1716	1437	1180	1706	0 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 040	041 - 150	151 - 190	191 - 319	NO OF OBS
TSTMS	8.7		17.4	30.4	15.7	27.8	115
LIQUID PRECIP	9.2		27.7	32.8	15.4	14.9	415
FREEZING PRECIP							
FROZEN PRECIP							
FOG	35.3		18.8	25.5	11.3	9.1	1140
FOG WITH VIS GE 1/2 MILES	34.5		18.9	25.7	11.6	9.3	1111
TOTAL OBS	1687	0	1496	1490	1344	1423	0 7440

MONTH: JUN HOURS: ALL

TSTMS	18.1		18.8	23.5	16.1	23.5	149
LIQUID PRECIP	8.2		25.7	32.5	11.8	21.8	280
FREEZING PRECIP							
FROZEN PRECIP							
FOG	42.3		19.6	19.5	9.4	9.3	1084
FOG WITH VIS GE 1/2 MILES	42.0		19.4	19.6	9.6	9.5	1067
TOTAL OBS	2038	0	1435	1130	1094	1503	0 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 040	041 - 150	151 - 190	191 - 319	NO OF OBS
TSTMS	9.5		26.0	21.9	15.4	27.2	169
LIQUID PRECIP	19.9		28.7	11.6	10.5	29.3	181
FREEZING PRECIP							
FROZEN PRECIP							
FOG	52.6		16.8	10.2	10.9	9.4	1294
FOG WITH VIS GE 1/2 MILES	52.4		17.0	10.2	10.8	9.5	1280
TOTAL OBS	2331	0	1401	1081	1230	1397	0 7440

MONTH: AUG HOURS: ALL

TSTMS	5.9		18.4	20.6	19.1	36.0	136
LIQUID PRECIP	15.6		19.0	30.2	15.1	20.0	205
FREEZING PRECIP							
FROZEN PRECIP							
FOG	50.5		17.9	13.8	10.1	7.8	1528
FOG WITH VIS GE 1/2 MILES	50.2		18.0	13.9	10.2	7.8	1513
TOTAL OBS	2319	0	1699	1224	1037	1161	0 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 040	041 - 150	151 - 190	191 - 319	NO OF OBS
TSTMS	4.3		22.6	19.1	23.5	30.4	115
LIQUID PRECIP	8.1		32.2	19.3	22.2	18.1	270
FREEZING PRECIP							
FROZEN PRECIP							
FOG	46.1		15.1	15.7	14.6	8.5	1209
FOG WITH VIS GE 1/2 MILES	45.6		15.3	15.8	14.8	8.6	1192
TOTAL OBS	2079	0	1604	1188	1296	1033	7200

MONTH: OCT HOURS: ALL

TSTMS	13.7		5.9	21.6	27.5	31.4	51
LIQUID PRECIP	9.1		28.9	30.6	14.5	17.0	671
FREEZING PRECIP							
FROZEN PRECIP			69.2			30.8	13
FOG	31.0		19.5	22.8	15.2	11.6	1821
FOG WITH VIS GE 1/2 MILES	30.0		19.9	23.2	15.4	11.5	1770
TOTAL OBS	1927	0	1539	1209	1251	1514	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

SATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 040	041 - 150	151 - 190	191 - 319	NO OF OBS
TSTMS	7.6		15.2	13.6	37.9	25.8	66
LIQUID PRECIP	6.2		33.1	27.9	10.4	22.3	806
FREEZING PRECIP			50.0	50.0			2
FROZE PRECIP	.8		35.5	9.9	2.5	51.2	121
FOG	17.6		28.9	24.8	13.9	14.8	1639
FOG WITH VIS GE 1/2 MILES	16.9		29.8	24.9	13.6	14.8	1583
TOTAL OBS	1171	0	1585	1176	1434	1828	0 7194

MONTH: DEC HOURS: ALL

TSTMS	3.3		16.7	70.0	6.7	3.3	30
LIQUID PRECIP	6.1		31.6	33.9	13.9	14.6	741
FREEZING PRECIP			36.8	5.3	57.9		19
FROZEN PRECIP	3.8		44.1	8.9	3.2	40.0	315
FOG	14.1		31.3	22.4	14.7	17.6	1771
FOG WITH VIS GE 1/2 MILES	12.6		32.1	22.1	15.0	18.1	1710
TOTAL OBS	1066	0	1879	1118	1403	1974	0 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	320 - 040	041 - 150	151 - 190	191 - 319	NO OF OBS
TSTMS	8.8		19.3	24.9	19.2	27.8	985
LIQUID PRECIP	7.5		29.7	30.4	14.0	18.5	5693
FREEZING PRECIP	.8		57.9	22.3	19.0		121
FROZEN PRECIP	5.3		46.6	11.7	3.7	32.6	1964
FOG	29.6		23.9	21.4	12.3	12.8	17082
FOG WITH VIS GE 1/2 MILES	28.9		24.1	21.6	12.4	13.0	16541
TOTAL OBS	18999	1	20289	15009	14429	18939	0 87666



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	51.3	49.5	47.1	47.7	52.2	56.1	62.6	65.6	65.8	65.3	55.1	52.4	56.0
TRACE	22.4	22.9	18.2	16.9	15.2	12.5	10.7	10.7	9.9	10.1	15.4	18.9	15.3
.01	3.0	2.4	2.4	1.9	2.7	2.0	1.7	1.5	1.5	2.0	2.5	3.4	2.3
.02-.05	6.3	4.8	7.6	5.6	4.5	5.2	4.7	4.5	4.7	4.2	5.5	5.0	5.2
.06-.10	3.7	4.0	4.2	4.3	3.9	3.4	2.4	2.2	2.4	3.6	3.1	3.3	3.4
.11-.25	5.7	6.9	6.5	8.2	6.8	6.1	5.5	3.7	4.9	4.5	6.0	6.3	5.9
.26-.50	3.8	3.9	5.8	7.0	6.6	5.9	4.5	3.9	4.2	3.9	5.7	4.7	5.0
.51-1.00	2.4	4.0	5.8	6.0	5.1	5.5	4.2	4.5	2.9	3.5	3.7	3.6	4.3
1.01-2.50	1.2	1.4	2.4	2.3	2.9	3.0	3.2	2.7	3.2	2.6	2.8	2.1	2.5
2.51-5.00	.1	.1		.2	.2	.4	.3	.5	.5	.2	.1	.3	.2
5.01-10.00						.1	.1	.1			.1		.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	26.2	27.5	34.7	35.4	32.6	31.5	26.7	23.6	24.3	24.6	29.5	28.6	28.8
TOTAL NO. OF OBSERVATIONS	1568	1425	1610	1546	1603	1548	1604	1604	1552	1606	1541	1573	18780

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
38	TRACE*	TRACE*	TRACE	.00*	TRACE*	TRACE*	.00*	.00*	.00*	.00*	.00*	.00*	TRACE*
39			2.25	4.91	1.57	5.62	5.93	8.69	1.44	1.06	1.99	1.45	34.91*
40	2.05	1.49	1.25	4.98	1.62	1.78	1.08	5.87	.10	2.34	2.99	4.38	29.93
41	2.31	.58	.55	5.19	2.64	3.17	1.68	2.76	7.21	5.95	3.31	1.40	36.75
42	2.33	2.63	2.99	1.66	2.76	8.14	8.22	2.31	2.17	3.25	5.59	3.27	45.32
43	.75	.86	2.65	2.31	9.13	9.31	3.76	2.60	3.14	1.85	1.51	1.68	39.55
44	.33	2.83	2.33	4.85	4.38	1.42	2.57	4.24	2.79	.11	.97	1.81	28.63
45	1.06	3.32	9.96	5.47	3.55	4.19	.60	2.50	9.46	.52	2.44	1.49	44.56
46	1.61	3.23	2.46	3.15	6.91	2.82	1.63	21.05	2.29	3.54	6.38	2.18	57.25
47	2.36	.43	2.48	6.74	4.86	6.80	.40	1.25	2.27	4.92	2.18	3.07	37.76
48	1.03	2.25	6.46	1.40	4.05	5.33	11.56	.96	1.56	2.69	2.81	4.41	44.51
49	7.39	3.16	2.62	1.10	3.39	3.75	4.22	2.89	5.58	6.80	.42	5.05	46.37
50	8.88	4.24	3.13	3.59	3.14	2.25	1.21	6.01	1.69	.84	3.41	.88	39.27
51	3.38	6.19	2.60	2.17	2.26	7.24	3.68	2.22	3.58	3.49	3.37	2.15	42.33
52	.97	1.94	4.81	5.55	2.88	2.45	4.44	1.88	3.55	.30	2.89	1.61	33.27
53	1.55	1.25	3.84	3.77	1.62	3.18	1.00	.67	.75	1.91	.64	.37	20.55
54	1.72	1.11	1.29	5.10	3.97	1.86	1.67	4.09	5.38	4.37	1.06	3.34	34.96
55	1.03	3.43	2.99	2.43	2.27	2.41	2.68	1.85	3.78	3.54	1.62	.09	28.12
56	.95	4.61	1.14	2.75	6.41	4.06	6.44	3.13	3.10	.78	2.74	3.00	39.11
57	1.22	4.80	2.86	9.43	5.56	17.16	2.90	3.77	1.30	2.28	3.52	2.85	57.65
58	2.78	.31	3.82	2.72	3.80	3.72	8.99	4.97	2.22	1.88	7.02	.86	43.09
59	1.83	2.42	2.44	2.35	7.16	.88	2.11	4.62	4.13	4.21	2.06	4.30	38.51
60	2.28	1.64	2.97	2.98	3.94	4.46	1.95	1.55	.37	4.72	3.27	1.01	31.14
61	.86	2.63	4.81	3.00	9.86	4.25	5.37	5.02	2.33	2.18	2.77	2.81	45.89
62	5.40	3.41	3.38	4.28	1.71	4.76	2.79	6.35	2.79	2.92	1.23	2.06	41.08
63	1.08	.44	6.29	2.19	3.78	2.02	4.71	1.50	1.09	.90	3.25*	.87	28.12*
64	1.32	2.42	4.27	5.38	4.09	2.86	2.12	2.60	3.67	.65	1.81	2.32	33.51
65	2.67	1.61	2.31	3.75	2.85	6.22	2.45	4.77	8.08	1.52	.90	3.72	40.85
66	.87	3.88	1.59	5.28	3.01	2.40	.86	3.56	3.06	1.54	4.03	2.38	32.46
67	2.20	1.14	2.99	2.93	4.63	3.46	4.19	1.50	2.76	7.42	2.19	8.41	39.82
68	1.73	1.30	3.20	2.47	8.85	5.60	6.52	1.97	3.11	1.02	7.13	3.69	46.59
69	5.21	1.94	2.21	4.30	1.70	7.40	10.45	.07	7.12	4.53	.97	2.25	48.15
70	.23	1.14	2.49	7.09	2.63	4.97	.94	4.49	4.36	2.85	1.68	1.57	34.44

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	1.03	2.41	1.83	2.63	4.96	1.46	3.01	.29	2.11	.87	1.46	8.63	30.69
72	.85	1.44	2.99	7.58	1.43	1.99	3.51	5.42	3.38	2.56	10.01	5.37	46.53
73	1.70	1.09	7.81	4.31	4.96	6.24	1.93	2.46	4.82	2.69	4.48	5.32	47.81
74	3.82	3.51	3.94	4.84	4.68	2.74	.57	7.40	2.38	1.42	2.81	1.88	39.99
75	5.84	4.11	4.66	5.48	2.98	2.06	3.32	4.64	1.79	1.21	3.18	2.52	41.79
76	.88	1.10	4.26	1.68	4.44	2.65	3.22	2.13	.92	5.07	.34	.82	27.51
77	1.58	2.78	6.22	1.06	1.53	5.28	3.61	7.23	2.18	3.91	4.24	2.97	42.59
78	1.70	1.13	6.26	1.76	2.81	1.62	6.25	3.36	4.00	1.93	4.73	3.40	38.95
79	2.49	2.17	5.71	6.75	2.24	4.44	6.75	2.21	.21	1.20	3.66	2.26	40.09
80	.68	1.60	5.14	2.20	3.25	1.60	2.45	2.59	7.29	3.16	1.13	.83	31.92
81	.57	2.35	1.60	3.13	6.02	5.34	9.61	5.60	3.37	5.92	2.56	1.39	47.46
82	5.56	1.39	2.77	2.88	5.21	2.73	4.79	3.30	4.51	3.59	3.15	9.05	48.93
83	.77	1.01	4.35	6.35	3.89	3.78	1.35	1.36	2.27	8.07	6.89	4.16	44.25
84	.65	3.50	5.65	5.03	3.18	1.67	1.83	3.66	8.43	5.83	5.46	5.09	49.98
85	.76	4.22	4.78	3.26	3.21	7.06	2.25	4.00	.18	2.18	9.38	2.32	43.60
86	.12	8.00	1.93	1.43	2.78	4.91	5.27	3.59	4.35	7.57	1.49	1.84	43.28
87	1.61	1.43	2.46	2.29	1.54	5.13	6.36	6.53	3.55	2.72	4.52	8.38	46.52
88	3.71	2.10	5.06	1.69	1.93	1.47	6.74	2.66	2.78	1.77	7.31	2.55	39.77
89	2.25	1.55	5.71	2.91	4.64	4.82	2.23	1.26	3.61	2.52	2.54		34.04*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911

MONTH: ALL    HOURS: ALL

[illegible]

THE GREATEST VALUE OF 21.05 OCCURRED ON 08/46

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
38	TRACE*	TRACE*	TRACE	.00*	TRACE*	TRACE*	.00*	.00*	.00*	.00*	.00*	.00*	TRACE*
39			1.10	1.39	.58	1.09	1.80	3.86	.58	.37	.79	.53	3.86*
40	.44	.38	.50	.97	.54	.96	.61	2.92	.05	1.12	1.03	1.28	2.92
41	.91	.24	.28	1.19	1.13	1.52	.93	1.22	2.85	.82	1.10	.50	2.85
42	1.36	.90	.97	.63	.85	2.19	5.49	.90	.69	2.54	1.49	2.03	5.49
43	.48	.57	.69	.61	2.20	2.60	1.97	1.82	1.36	.92	1.08	.65	2.60
44	.20	.59	.55	1.60	1.76	.54	1.18	1.63	1.15	.05	.31	.54	1.76
45	.56	1.38	2.48	1.63	1.80	1.47	.26	.94	2.44	.28	.61	.97	2.48
46	.62	2.03	.79	1.48	1.26	1.34	.78	9.22	.72	1.75	1.72	.71	9.22
47	1.23	.31	.68	1.06	2.09	2.44	.29	.59	1.29	1.39	.92	2.13	2.44
48	.67	.74	1.67	.53	1.22	1.29	3.65	.60	.65	1.52	.78	2.00	3.65
49	2.25	2.07	.69	.32	.83	.96	2.05	.90	2.76	2.55	.38	2.63	2.76
50	3.58	1.51	.83	.83	.89	.75	.48	1.93	.72	.76	1.60	.50	3.58
51	1.26	1.65	.63	.68	.75	2.18	1.63	.65	1.14	2.12	.95	.55	2.18
52	.38	.80	1.75	2.94	1.82	1.39	1.29	1.06	2.01	.14	1.05	.79	2.94
53	.55	.61	1.01	.73	1.01	1.39	.53	.36	.35	.82	.34	.15	1.39
54	1.25	.37	.36	1.74	1.81	.93	.87	1.46	3.62	1.23	.44	.79	3.62
55	.34	1.19	1.27	.45	.66	.90	.85	1.76	1.69	1.49	.62	.06	1.76
56	.27	1.48	.30	.81	1.47	2.20	1.03	1.75	2.10	.75	1.02	1.12	2.20
57	.82	2.22	1.31	2.48	1.22	8.15	1.32	2.27	.64	.64	.89	.88	8.15
58	1.53	.24	1.32	.62	.99	1.36	3.14	1.54	.60	1.88	2.91	.50	3.14
59	.80	1.13	.73	.86	1.90	.49	.76	2.44	2.00	1.62	.75	1.70	2.44
60	.76	.48	.57	1.06	1.14	1.32	.68	.73	.32	1.1	1.23	.33	1.32
61	.35	.86	1.27	.67	3.47	2.55	2.24	3.51	1.07	.89	1.27	.77	3.51
62	1.84	.85	1.74	2.80	.42	1.08	1.40	3.30	1.26	1.23	.48	1.02	3.30
63	.50	.17	1.79	1.05	1.17	.66	1.70	.70	.97	.44	2.32*	.39	2.32*
64	.34	.73	1.64	1.74	1.60	.73	1.45	1.27	2.08	.34	.73	.74	2.08
65	.68	.84	.58	1.11	1.11	1.30	1.03	1.09	3.04	.67	.52	1.65	3.04
66	.54	1.64	.80	1.66	.60	1.53	.47	1.32	1.28	.48	1.39	1.12	1.66
67	1.76	.51	1.28	.78	1.11	2.27	1.18	.99	.93	1.07	.79	2.81	2.81
68	.61	1.16	.95	.81	3.03	2.80	2.40	.78	2.23	.43	2.18	1.69	3.03
69	2.65	.86	.97	.87	.46	3.33	3.65	.03	1.84	1.33	.49	.52	3.65
70	.13	.35	.96	1.61	1.04	1.85	.36	1.33	1.32	.65	.86	.82	1.85



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	.58	.95	.67	.83	1.79	.44	.83	.14	1.11	.55	.50	3.22	3.22
72	.36	.61	1.06	2.20	.41	.92	1.69	1.30	.99	1.10	6.67	1.29	6.67
73	.49	.54	1.99	1.42	1.81	1.32	.61	1.04	1.55	.89	2.13	2.11	2.13
74	1.28	1.58	.86	.78	1.52	.80	.31	2.37	1.31	1.12	.98	.68	2.37
75	2.13	2.78	1.21	1.34	.66	.56	1.71	.90	.74	.44	1.13	.56	2.78
76	.52	.42	1.50	.76	1.84	1.41	2.14	1.13	.42	2.07	.31	.64	2.14
77	.34	1.24	2.06	.37	.70	1.07	1.21	2.85	.37	1.50	1.13	1.12	2.85
78	.65	.69	1.45	.48	.76	.32	1.72	1.01	3.55	1.08	1.28	.97	3.55
79	.60	.92	1.88	2.85	.68	3.48	3.03	.73	.21	.54	1.49	.89	3.48
80	.23	.84	1.63	.56	1.15	1.08	1.64	.94	2.60	1.32	.56	.46	2.60
81	.38	.67	.86	.97	1.84	1.04	1.71	1.59	2.08	1.34	.82	.99	2.08
82	2.19	.55	.81	1.53	1.14	.90	1.66	.78	1.64	.87	1.08	2.55	2.55
83	.25	.59	1.51	1.69	1.30	1.22	.79	1.06	.85	3.97	1.68	1.15	3.97
84	.41	.87	1.09	1.71	.75	1.16	.76	1.80	3.18	1.24	2.09	1.43	3.18
85	.50	1.92	1.80	1.09	1.39	.96	1.06	1.29	.10	1.02	1.97	.85	1.97
86	.08	3.46	.69	.54	.87	1.76	1.86	.73	.94	1.95	.45	1.09	3.46
87	.83	.59	.99	.87	1.10	2.08	1.60	2.60	1.73	.93	1.32	1.73	2.60
88	1.77	1.01	1.60	.50	1.20	.93	2.11	1.58	1.10	.56	2.01	.96	2.11
89	1.00	.51	2.49	1.15	1.82	.91	.73	.35	2.10	1.50	1.33		2.49*
.....													
GREATEST	3.58	3.46	2.49	2.94	3.47	8.15	5.49	9.22	3.62	3.97	6.67	3.22	9.22
.....													
TOTAL OBS	1568	1425	1610	1546	1603	1548	1604	1604	1552	1606	1541	1573	18780
.....													

THE GREATEST VALUE OF 9.22 OCCURRED ON 08/15/46

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	68.1	71.2	80.4	96.3	100.0	100.0	100.0	100.0	100.0	99.5	87.4	76.7	80.1
TRACE	20.3	19.6	12.4	2.9						.4	9.7	15.5	6.7
0.1-0.4	3.4	2.8	2.4	.2						.1	1.4	2.7	1.1
0.5-1.4	4.4	3.0	2.4	.3							.6	2.3	1.1
1.5-2.4	2.1	2.2	.8	.1							.5	1.4	.6
2.5-3.4	.6	.2	.6								.1	.8	.2
3.5-4.4	.4	.2	.4	.1							.2	.4	.1
4.5-6.4	.5	.6	.5								.1	.1	.1
6.5-10.4	.2	.2	.1	.2							.2		.1
10.5-15.4	.1	.1										.1	.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	11.6	9.2	7.3	.8						.1	2.9	7.7	3.3
TOTAL NO. OF OBSERVATIONS	1364	1243	1364	1320	1363	1320	1364	1364	1320	1364	1313	1333	16032

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1
47	2.6	4.0	12.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	21.6
48	8.0	6.3	4.6	.0	.0	.0	.0	.0	.0	.0	.0	6.0	24.9
49	1.1	TRACE	8.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.6
50	1.3	1.2	TRACE	.3	.0	.0	.0	.0	.0	.0	.7	4.	8.0
51	6.0	3.7	5.5	1.1	.0	.0	.0	.0	.0	TRACE	12.7	2.9	31.9
52	4.3	1.3	1.4	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.5	10.5
53	3.7	TRACE	5.4	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.1
54	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	.7	2.3	3.5
55	4.0	TRACE	7.1	.0	.0	.0	.0	.0	.0	TRACE	.1	.1	11.3
56	8.7	8.5	1.7	TRACE	.0	.0	.0	.0	.0	.0	.6	TRACE	19.5
57	1.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.5
58	7.0	1.0	5.4	.0	.0	.0	.0	.0	.0	.0	5.0	1.3	19.7
59	4.2	TRACE	.9	.0	.0	.0	.0	.0	.0	.0	3.1	.3	8.5
60	2.6	8.3	20.4	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	34.3
61	5.8	12.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	3.8	23.1
62	13.7	3.7	2.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.8	20.5
63	2.2	2.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE*	4.3	9.5*
64	9.2	9.8	5.8	TRACE	.0	.0	.0	.0	.0	.0	.7	.8	26.3
65	9.7	7.4	8.7	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	25.8
66	2.6	13.9	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	17.1
67	1.5	.5	1.4	.0	.0	.0	.0	.0	.0	.0	.2	2.8	6.4
68	6.6	.7	7.6	.0	.0	.0	.0	.0	.0	.0	.5	1.6	17.0
69	2.4	5.6	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	13.0	21.2
70	1.7	4.0	4.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.2	11.8
71	.1	1.8	1.4	17.3	.0	.0	.0	.0	.0	.0	2.2	.0	22.8
72	4.8	1.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	4.6	9.9	20.7
73	3.7	4.0	1.0	.6	.0	.0	.0	.0	.0	.0	.0	23.1	32.4
74	TRACE	5.5	5.2	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6	13.3
75	1.1	1.0	4.2	TRACE	.0	.0	.0	.0	.0	.0	10.5	5.1	21.9
76	2.0	2.3	3.0	.0	.0	.0	.0	.0	.0	.0	.3	3.5	11.1
77	16.2	1.5	.2	.2	.0	.0	.0	.0	.0	.0	5.7	5.8	29.6
78	15.2	7.4	6.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	29.4
79	23.2	4.0	2.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	29.8
80	5.5	5.9	7.9	3.6	.0	.0	.0	.0	.0	.0	7.1	1.4	31.4

OPERATING LOCATION 'A'  
1FETAC, ASHEVILLE NC

TOTAL MONTHLY SNOW\*ALL AMOUNTS IN INCHES  
FROM SUMMARY C. DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.9	4.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3	8.0
82	20.6	9.3	.4	2.6	.0	.0	.0	.0	.0	.0	TRACE	TRACE	32.9
83	3.7	.2	.5	1.4	.0	.0	.0	.0	.0	.0	TRACE	5.7	11.5
84	2.8	14.0	3.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.9	21.9
85	8.2	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	6.5	16.7
86	1.0	6.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.3
87	12.4	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	18.2
88	3.0	4.5	1.3	TRACE	.0	.0	.0	.0	.0	TRACE	1.1	8.1	18.0
89	.4	.8	6.9	.0	.0	.0	.0	.0	.0	.1	.3		8.5*
LEAST	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
GREATEST	23.2	14.0	20.4	17.3	.0	.0	.0	.0	.0	.2	12.7	23.1	34.3
MEAN	5.4	3.9	3.4	.6	.0	.0	.0	.0	.0	.0	1.4	3.1	18.2
MEDIAN	3.7	3.0	1.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.9	18.9
SD	5.469	3.853	4.093	2.666	.000	.000	.000	.000	.000	.033	2.855	4.271	9.150
TOTAL OBS	1364	1243	1364	1320	1363	1320	1364	1364	1320	1364	1313	1333	16032

THE GREATEST VALUE OF 23.2 OCCURRED ON 01/79

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1
47	1.0	3.2	5.8	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	5.8
48	3.0	2.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.0
49	1.0	TRACE	3.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.7
50	.8	.6	TRACE	.3	.0	.0	.0	.0	.0	.0	.6	2.0	2.0
51	5.0	1.4	3.0	1.1	.0	.0	.0	.0	.0	TRACE	9.7	2.9	9.7
52	2.4	1.3	1.2	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.5	2.4
53	2.4	TRACE	5.1	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.1
54	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	.7	1.7	1.7
55	1.3	TRACE	5.4	.0	.0	.0	.0	.0	.0	TRACE	.1	.1	5.4
56	2.2	4.0	1.4	TRACE	.0	.0	.0	.0	.0	.0	.3	TRACE	4.0
57	1.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.2
58	7.0	1.0	2.8	.0	.0	.0	.0	.0	.0	.0	4.0	1.1	7.0
59	2.0	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	1.7	.2	2.0
60	1.0	4.8	5.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	5.7
61	3.3	7.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.9	2.2	7.4
62	7.0	1.8	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	7.0
63	.9	1.5	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE*	3.0	3.0*
64	4.3	6.0	4.8	TRACE	.0	.0	.0	.0	.0	.0	.7	.8	6.0
65	4.6	5.4	3.8	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.4
66	1.9	12.1	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	12.1
67	.9	.3	.7	.0	.0	.0	.0	.0	.0	.0	.2	1.8	1.8
68	3.8	.4	7.3	.0	.0	.0	.0	.0	.0	.0	.4	1.1	7.3
69	2.4	5.0	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	5.0
70	.8	2.0	4.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	4.1
71	.1	1.0	1.2	9.5	.0	.0	.0	.0	.0	.0	2.0	.0	9.5
72	2.	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.2	2.7	2.7
73	1.5	2.0	1.0	.6	.0	.0	.0	.0	.0	.0	.0	13.6	13.6
74	TRACE	5.3	4.5	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6	5.3
75	1.0	1.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	10.3	2.5	10.3
76	1.7	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5	3.0
77	3.5	1.3	.2	.2	.0	.0	.0	.0	.0	.0	4.3	4.9	4.9
78	6.2	2.7	3.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.2
79	4.6	3.5	1.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.6
80	5.5	2.2	5.1	3.6	.0	.0	.0	.0	.0	.0	4.8	1.4	5.5

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.9	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.0
82	12.0	4.5	.4	2.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	12.0
83	2.0	.2	.3	1.4	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
84	2.0	8.0	2.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.9	8.0
85	5.0	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.8	5.0
86	1.0	5.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.8
87	8.1	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0	8.1
88	2.0	2.0	1.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.1	4.3	4.3
89	.4	.8	3.8	.0	.0	.0	.0	.0	.0	.1	.2		3.8*
GREATEST	12.0	12.1	7.3	9.5	.0	.0	.0	.0	.0	.2	10.3	13.6	13.6
TOTAL OBS	1364	1243	1364	1320	1363	1320	1364	1364	1320	1364	1313	1333	16032

THE GREATEST VALUE OF 13.6 OCCURRED ON 12/19/73

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	66.5	71.4	88.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	96.8	82.4	92.3
TRACE	11.5	11.5	4.6	.4							1.5	7.1	3.0
1	6.7	3.9	1.3	.1							.5	3.1	1.3
2	4.4	3.2	1.6	.1							.4	3.7	1.1
3	3.2	3.1	1.4	.1							.1	1.9	.8
4-6	5.3	4.6	1.8								.5	1.2	1.1
7-12	2.2	1.6	.8	.1							.1	.5	.4
13-24	.1	.7	.1								.1	.1	.1
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	22.0	17.1	7.0	.4							1.7	10.5	4.7
TOTAL NO. OF OBSERVATIONS	1556	1407	1595	1558	1611	1560	1611	1612	1558	1611	1547	1552	18778

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
38	0*	0*	0	0	0	0	0	0	0	0	0*	0	0*
39			0	0	0	0	0	0	0	0	0	8	8*
40	8	0*	0	0	0	0	0	0	0	0	0	0	8*
41	4*	2*	0	0	0	0	0	0	0	0	0	1	4*
42	0	2*	3	0	0	0	0	0	0	0	0	4*	4*
43	0*	1	2*	0	0	0	0	0	0	0	0	2*	2*
44	2	4	2	0	0	0	0	0	0	0	0	5*	5*
45	2*	6	0	0	0	0	0	0	0	0	0	3*	6*
46	1	TRACE	0	0	0	0	0	0	0	0	0	TRACE	1
47	1	1	6	0	0	0	0	0	0	0	TRACE	2	6
48	3	2	5	0	0	0	0	0	0	0	0	5	5
49	1	TRACE	4	0	0	0	0	0	0	0	0	TRACE	4
50	TRACE	1	TRACE	0	0	0	0	0	0	0	TRACE	2	2
51	TRACE	5	4	0	0	0	0	0	0	0	9	3	9
52	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	20	2	20
53	1	0	5	TRACE	0	0	0	0	0	0	0	TRACE	5
54	TRACE	0	TRACE	0	0	0	0	0	0	0	1	2	2
55	1	TRACE	3	0	0	0	0	0	0	0	TRACE	0	3
56	3	6	2	0	0	0	0	0	0	0	TRACE	TRACE	6
57	1	1	TRACE	TRACE	0	0	0	0	0	0	TRACE	1	1
58	TRACE	7	3	0	0	0	0	0	0	0	4	1	7
59	2	TRACE	0	0	0	0	0	0	0	0	2	TRACE	2
60	1	6	16	0	0	0	0	0	0	0	0	3	16
61	3	8	0	0	0	0	0	0	0	0	1	3	8
62	6	2	TRACE	0	0	0	0	0	0	0	0	1	6
63	2	1	1	0	0	0	0	0	0	0	0*	3	3*
64	10	4	5	0	0	0	0	0	0	0	1	1	10
65	5	5	4	0	0	0	0	0	0	0	0	0	5
66	TRACE	12	0	0	0	0	0	0	0	0	0	0	12
67	1	0	1	0	0	0	0	0	0	0	0	2	2
68	6	0	5	0	0	0	0	0	0	0	TRACE	TRACE	6
69	2	1	3	0	0	0	0	0	0	0	TRACE	7	7
70	7	3	2	TRACE	0	0	0	0	0	0	0	TRACE	7



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	TRACE	TRACE	TRACE	11	0	0	0	0	0	0	1	0	11
72	2	1	0	0	0	0	0	0	0	0	TRACE	2	2
73	2	2	0	1	0	0	0	0	0	0	0	13	13
74	7	4	5	0	0	0	0	0	0	0	TRACE	2	7
75	1	2	3	0	0	0	0	0	0	0	8	3	8
76	1	2	3	0	0	0	0	0	0	0	TRACE	3	3
77	10	6	1	0	0	0	0	0	0	0	4	5	10
78	10	4	6	0	0	0	0	0	0	0	0	TRACE	10
79	8	8	1	0	0	0	0	0	0	0	0	0	8
80	6	6	5	1	0	0	0	0	0	0	4	1	6
81	1	4	0	0	0	0	0	0	0	0	0	2	4
82	16	18	TRACE	2	0	0	0	0	0	0	0	0	18
83	3	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	4	4
84	3	10	5	0	0	0	0	0	0	0	TRACE	2	10
85	5	5	0	0	0	0	0	0	0	0	0	3	5
86	1	4	TRACE	0	0	0	0	0	0	0	0	0	4
87	7	1	0	0	0	0	0	0	0	0	0	3	7
88	2	3	1	0	0	0	0	0	0	0	0	4	4
89	4	1	7	0	0	0	0	0	0	0	0		7*
.....													
GREATEST	16	18	16	11	0	0	0	0	0	0	20	13	20
.....													
TOTAL OBS	1556	1407	1595	1558	1611	1560	1611	1612	1558	1611	1547	1552	18778
.....													

THE GREATEST VALUE OF 20 OCCURRED ON 11/30/52

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL

PERIOD OF RECORD: 3801-8911

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
39 - 40			DEC 25			JAN 26
40 - 41			JAN 23			FEB 28
41 - 42			DEC 13			MAR 02
42 - 43			DEC 06			MAR 07
43 - 44			DEC 29			MAR 20
44 - 45			DEC 10			FEB 28
45 - 46	JAN 11	JAN 20	DEC 13	FEB 14	JAN 20	JAN 23
46 - 47	DEC 20	JAN 01	JAN 02	MAR 27	MAR 27	MAR 28
47 - 48	NOV 18	DEC 10	DEC 10	MAR 11	MAR 11	MAR 13
48 - 49	DEC 09	DEC 23	DEC 24	APR 15	MAR 18	MAR 18
49 - 50	NOV 02	JAN 05	FEB 15	APR 12	APR 05	FEB 15
50 - 51	NOV 09	NOV 23	DEC 05	APR 13	APR 12	MAR 21
51 - 52	OCT 31	NOV 05	NOV 06	APR 05	MAR 15	DEC 20
52 - 53	NOV 26	NOV 29	NOV 30	APR 19	APR 18	MAR 03
53 - 54	NOV 25	JAN 13		MAR 14	JAN 13	
54 - 55	OCT 29	OCT 30	NOV 04	MAR 27	MAR 25	MAR 26
55 - 56	OCT 30	NOV 27	JAN 16	APR 07	MAR 16	MAR 16
56 - 57	NOV 08	NOV 25	JAN 31	APR 12	JAN 30	FEB 01
57 - 58	NOV 29	DEC 03	DEC 04	MAR 23	MAR 17	MAR 11
58 - 59	NOV 27	NOV 27	NOV 28	MAR 11	MAR 11	JAN 27
59 - 60	NOV 05	NOV 26	NOV 27	MAR 20	MAR 19	MAR 21
60 - 61	NOV 09	DEC 20	DEC 21	APR 17	FEB 28	FEB 12
61 - 62	NOV 18	NOV 18	NOV 19	APR 02	MAR 08	FEB 24
62 - 63	NOV 18	DEC 10	DEC 11	APR 10	MAR 01	MAR 01
63 - 64	NOV 12	DEC 08	DEC 11	APR 08	MAR 10	MAR 11
64 - 65	NOV 19	NOV 29	NOV 30	MAR 28	MAR 25	MAR 07
65 - 66	NOV 29	JAN 18	FEB 01	APR 11	MAR 05	FEB 21
66 - 67	NOV 01	DEC 31	JAN 27	MAR 19	MAR 08	MAR 08
67 - 68	NOV 03	NOV 30	DEC 28	MAR 23	MAR 12	MAR 14
68 - 69	NOV 08	NOV 09	JAN 27	MAR 26	MAR 26	MAR 02
69 - 70	NOV 13	DEC 14	DEC 15	APR 04	MAR 28	MAR 29
70 - 71	NOV 23	DEC 25	APR 06	APR 06	APR 06	APR 08

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL

PERIOD OF RECORD: 3801-8911  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
71 - 72	NOV 06	NOV 23	NOV 24	APR 01	FEB 26	FEB 09
72 - 73	NOV 14	NOV 18	DEC 08	APR 10	APR 09	APR 09
73 - 74	DEC 05	DEC 10	DEC 15	MAR 23	MAR 23	MAR 25
74 - 75	NOV 13	DEC 01	DEC 01	APR 03	MAR 10	MAR 11
75 - 76	NOV 12	NOV 13	NOV 27	MAR 16	MAR 16	MAR 16
76 - 77	NOV 04	NOV 23	DEC 07	APR 05	APR 05	MAR 01
77 - 78	NOV 10	NOV 26	NOV 27	MAR 26	MAR 26	MAR 12
78 - 79	DEC 03	JAN 01	JAN 02	APR 04	MAR 27	MAR 25
79 - 80	NOV 10	JAN 30	JAN 30	APR 14	APR 14	APR 14
80 - 81	NOV 17	NOV 17	NOV 27	MAR 05	FEB 11	FEB 15
81 - 82	NOV 20	DEC 16	DEC 17	APR 09	APR 08	APR 08
82 - 83	NOV 04	JAN 11	JAN 22	APR 18	APR 17	JAN 24
83 - 84	NOV 12	DEC 14	DEC 15	APR 05	MAR 12	MAR 14
84 - 85	NOV 17	DEC 05	DEC 06	APR 07	FEB 26	FEB 13
85 - 86	NOV 21	DEC 13	DEC 13	MAR 20	FEB 14	FEB 16
86 - 87	NOV 12	JAN 01	JAN 02	MAR 31	FEB 16	FEB 18
87 - 88	NOV 29	DEC 14	DEC 15	APR 18	MAR 18	MAR 18
88 - 89	OCT 29	NOV 20	DEC 28	MAR 18	MAR 18	MAR 11
89 - 90	OCT 19	OCT 19		NOV 23	NOV 16	
MEDIAN-DATE	NOV 13	DEC 05	DEC 13	APR 03	MAR 16	MAR 08

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCC
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46	SSE 48	W 46	SSE 56	WNW 44	*	S 38	S 35	NNW 51	SSW 31	NNW 49	NW 43	N 39	SSE*56
47	WSW 55	NW 47	WNW 61	SE 55	WNW 47	WSW 51	W 36	E *23	NNW 38	NNW*30	WNW 36	WNW 36	WNW*61
48	WSW 38	SSE 53	SSW 66	S 37	W 45	W 62	WSW 53	ENE 29	NW 30	W 34	NW 43	WSW 51	SSW 66
49	WSW 43	SSE 35	N 42	W 46	NE 49	SSE 29	NNE 33	W 33	SW 29	SW 32	NW 29	NW 35	NNE 49
50	S 47	NNW 32	NW 52	WNW 48	WNW 38	WSW 32	WSW 45	SSE*23	WNW 35	SE 28	NW 38	SSW 50	NW *52
51	WNW 45	N 47	WNW 51	SSW 43	WNW 43	SE 47	WNW 36	NW 40	NNW 38	WNW 34	SSW 56	SSW 43	SSW 56
52	SW 45	WNW 43	SE 44	NNW 38	W 75	NNE 47	SW 37	NNW 32	S 38	NE 33	SW 56	SSW 38	W 75
53	SSW 37	WNW 47	S 50	E 65	SSE 57	NNE 44	E 40	NNW 39	NNW 37	SSE 32	S 45	SW 45	E 65
54	NNW 34	E 46	SSW 43	NNW 51	WSW 51	SSW 41	N 43	NNE 37	NW 49	WNW 32	WNW 36	WNW 36	NNW 51
55	W 45	S 38	NW 36	SW 43	E 48	NW 35	WNW 46	SSW 45	WSW 46	W 41	NNW 44	W 40	E 48
56	NW 38	WNW 68	SSW 48	WNW 53	WNW 54	NNW 49	NNW 42	S 47	WNW 42	SSW 31	SSE 45	WNW 31	WNW 68
57	WNW 37	WNW 33	WSW 55	WSW 50	SE 71	WNW 45	NW 61	SSW 31	SE 24	SSE 38	W 33	WNW 35	SE 71
58	N 32	ESE 35	E 29	W 47	SSW 26	NW 34	SW 34	NNE*32	W 24	S 24	NW 35	WNW 21	W *47
59	W 32	W 39	WSW 40	NW 34	SSW 36	SSW 29	NNW 23	W 37	S 30	W 37	W 32	S 28	WSW 40
60	W *28	WSW 48	W 38	WNW 39	SE 33	NE 51	WNW 23	NW 24	WNW 22	WSW 29	NW 30	N 30	NE *51
61	NNW*23	WNW 28	WSW 40	NW 37	NNW 38	WSW 28	SW 34	WSW 27	NW 33	W *27	S *42	WNW*29	S *42
62	SSE 33	NW 38	SSE 31	WNW 34	WSW 34	W 41	NW 23	WSW 52	WNW 28	NW 27	NW 29	WNW 30	WSW 52
63	WNW 31	NNW 42	W 38	WSW 42	WNW 34	N *43	N *35	N 30	N *25	W *24	SSE*33	WSW 35	N *43
64	W 36	SW 35	NW 43	SSW 43	SSW*33	W 35	SE 26	S 36	WNW 25	NNW 30	WSW 42	NW 26	NW *43
65	WSW 39	NW 38	W 42	WSW 38	W 50	NNW 34	WSW 37	SSW 50	SW 35	WNW*31	W *46	WSW 40	W *50
66	S 28	S 31	W *38	WNW 40	SSE 37	W 38	W 40	WNW 27	WNW 26	S 37	NW 37	WSW 36	WNW*40
67	S 38	WNW 43	N 32	WNW 34	W 33	S *20	NNW 34	NNE*41	WNW 44	SW 54	SE 30	NNW 42	SW *54
68	NW 20	NW 30	S 39	W 40	WNW 32	SSW 33	27/ 40	27/ 24	16/ 28	16/ 33	16/ 46	27/ 45	16/ 46
69	30/ 35	32/ 33	07/ 45	16/ 39	29/ 51	36/ 48	36/ 35	28/ 25	33/ 31	25/ 38	18/ 35	28/ 34	29/ 51
70	32/ 39	17/ 32	31/ 32	27/ 37	33/ 48	32/ 44	01/ 38	02/ 26	24/ 30	15/ 44	31/ 40	28/ 43	33/ 48
71	31/ 49	26/ 44	28/ 50	25/ 37	23/ 36	31/ 42	30/ 44	03/ 26	36/ 32	19/ 36	24/ 39	22/ 50	28/ 50
72	27/ 42	33/ 37	30/ 35	03/ 56	27/ 41	31/ 45	29/ 28	32/ 40	05/ 30	18/ 29	30/ 28	31/ 34	03/ 56
73	08/ 32	16/ 30	20/*41	16/ 41	21/ 37	30/ 38	35/ 33	18/ 35	21/ 30	16/ 26	34/ 38	18/ 39	20/*41
74	21/ 33	26/ 34	29/ 46	20/ 43	19/ 33	07/ 58	35/ 28	22/ 37	25/ 38	17/ 31	29/ 35	34/ 30	07/ 58
75	31/ 43	29/ 34	24/ 41	22/ 40	24/ 35	21/ 36	20/ 32	27/ 40	28/ 28	31/ 27	24/ 51	34/ 30	24/ 51
76	31/ 38	25/ 42	19/ 38	27/ 33	24/ 33	20/ 30	29/ 30	34/ 50	34/ 26	27/ 36	33/ 30	31/ 33	34/ 50
77	32/ 41	23/ 41	19/ 56	30/ 37	29/ 36	33/ 28	33/ 28	34/ 36	29/ 37	34/ 31	30/ 39	29/ 38	19/ 56
78	29/ 39	07/ 36	05/ 32	30/ 36	23/ 40	17/ 31	28/ 35	36/ 30	17/ 24	29/ 29	11/ 36	30/ 33	23/ 40
79	30/ 38	35/ 42	17/ 38	27/ 40	35/ 30	30/ 36	27/ 37	18/ 49	18/ 32	24/ 37	27/ 30	29/ 37	18/ 49
80	30/ 41	34/ 44	05/ 34	02/ 31	17/ 35	35/ 26	33/ 34	34/ 25	28/ 45	20/ 30	20/ 23	32/ 28	28/ 45

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	32/ 24	32/ 36	14/ 31	24/ 51	33/ 33	27/ 31	33/ 61	23/ 28	22/ 31	30/ 33	24/ 37	30/ 34	33/ 61
82	35/ 35	34/ 23	32/ 39	24/ 46	18/ 36	33/ 47	25/ 39	22/ 25	32/ 33	27/ 29	19/ 33	16/ 35	33/ 47
83	30/ 37	29/ 30	14/ 31	20/ 36	23/ 44	28/ 30	23/ 31	32/ 35	33/ 25	19/ 23	21/ 32	31/ 31	23/ 44
84	27/ 35	30/ 36	30/ 42	16/ 40	33/ 58	18/ 33	33/ 26	29/ 35	32/ 42	18/ 38	19/ 34	16/ 44	33/ 58
85	32/ 42	31/ 32	17/ 36	06/ 39	27/ 36	09/ 36	34/ 28	16/ 24	29/ 26	16/ 29	25/ 43	26/ 35	25/ 43
86	31/ 38	18/ 26	19/ 39	15/ 47	18/ 35	19/ 30	32/ 48	35/ 32	27/ 32	32/ 39	32/ 35	28/ 25	32/ 48
87	28/ 32	33/ 43	08/ 39	35/ 28	26/ 39	24/ 38	29/ 40	31/ 44	26/ 33	33/ 33	19/ 32	24/ 40	31/ 44
88	29/ 36	26/ 38	30/ 43	31/ 41	30/ 38	31/ 31	21/ 52	32/ 27	17/ 40	30/ 29	17/ 49	19/ 37	21/ 52
89	29/ 34	35/ 29	29/ 40	29/ 34	31/ 35	20/ 53	32/ 26	32/ 32	35/ 29	30/ 27	27/ 49		20/*53
.....													
GREATEST	WSW 55	WNW 68	SSW 66	E 65	W 75	W 62	NW 61	WSW 52	NW 49	SW 54	SSW 56	WSW 51	W 75
.....													
TOTAL OBS	1351	1238	1343	1311	1322	1280	1347	1327	1308	1332	1283	1324	15766
.....													

THE PEAK WIND OF 75 FROM W OCCURRED ON 05/24/52

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 4601-8911  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN MEDIAN		TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	.3	7.0	21.0	24.7	21.8	12.2	7.9	3.3	1.8	.1	.0	19.8	19.0	1351
FEB	.2	5.4	20.3	26.8	21.5	12.3	7.4	3.3	2.7	.1	.1	20.2	19.0	1238
MAR	.0	2.7	13.3	23.5	22.9	17.6	10.7	5.4	3.3	.7	.1	22.7	22.0	1343
APR	.0	2.2	13.3	22.9	24.3	17.8	10.1	5.8	3.0	.5	.1	22.8	22.0	1311
MAY	.0	4.6	22.9	28.5	22.0	11.3	5.3	3.3	1.4	.5	.2	19.6	18.0	1322
JUN	.2	7.4	26.0	28.5	17.9	10.0	5.6	2.2	1.7	.4	.0	18.7	17.0	1280
JUL	.4	12.0	36.3	27.5	12.9	4.5	2.9	2.1	1.0	.4	.0	16.2	15.0	1347
AUG	.1	13.3	40.1	27.7	11.4	3.1	2.0	1.2	.9	.3	.0	15.3	14.0	1327
SEP	.3	10.4	34.7	27.9	15.8	6.2	2.7	1.2	.8	.0	.0	16.4	15.0	1308
OCT	.2	8.4	28.5	29.2	20.9	7.2	3.9	1.2	.4	.1	.0	17.4	16.0	1332
NOV	.2	5.9	22.6	25.2	22.0	12.2	7.1	3.2	1.5	.2	.0	19.6	19.0	1283
DEC	.1	6.9	21.8	25.7	23.3	12.6	5.1	3.1	1.1	.2	.0	19.3	18.0	1324
ANNUAL	.2	7.2	25.1	26.5	19.7	10.6	5.9	2.9	1.6	.3	.0	19.0	18.0	15766



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	5.2	1.1	.1	.1							9.2	6.4	6.0
020-040	1.2	1.2	.4									2.8	5.5	5.0
050-070	1.8	1.2	.3									3.3	4.8	4.0
(E) 080-100	1.0	.2	.2									1.4	4.7	4.0
110-130	1.6	1.2	.1									2.9	4.6	4.0
140-160	3.0	2.4	1.2	.1	.1							6.8	6.2	5.0
(S) 170-190	4.2	4.0	1.2		.1							9.5	5.9	5.0
200-220	5.5	1.2	.2									6.9	3.6	3.0
230-250	2.5	2.4	.6									5.5	5.4	5.0
(W) 260-280	1.4	2.3	2.0	.5								6.2	8.5	8.0
290-310	2.4	3.3	2.5	1.2	.2							9.6	8.6	8.0
320-340	2.9	4.7	1.7	1.2	.2							10.8	7.9	6.5
VARIABLE														
CALM	////////////////////////////////////											25.2	////////	
TOTALS	30.3	29.3	11.5	3.1	.7							100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	5.6	1.5	.2								11.6	6.0	5.0
020-040	1.2	1.7	.2									3.1	5.7	6.0
050-070	.8	.6		.1								1.5	4.8	4.0
(E) 080-100	1.9	.5	.3									2.8	4.1	3.5
110-130	1.9	1.1	.4									3.4	5.1	4.0
140-160	2.7	3.2	1.4	.4								7.7	6.9	6.0
(S) 170-190	3.8	2.8	.9									7.4	5.2	4.0
200-220	2.8	1.2	.2									4.2	3.9	3.0
230-250	3.2	.9	.3	.2								4.6	4.7	4.0
(W) 260-280	1.8	3.2	1.6	.6	.1							7.4	8.2	7.0
290-310	2.7	3.0	4.1	1.0	.2							11.0	8.8	9.0
320-340	1.5	5.6	2.5	1.1	.5							11.2	8.7	7.5
VARIABLE														
CALM	////////////////////											24.0	////////	
TOTALS	28.6	29.4	13.4	3.6	.8							100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	5.5	2.2	.3								11.4	6.7	7.0
020-040	1.1	2.5	.2									3.8	6.2	7.0
050-070	1.3	.9	.1									2.3	4.4	4.0
(E) 08-100	1.9	1.2										3.1	4.2	4.0
110-130	1.6	.9	.4									2.9	4.9	3.0
140-160	3.2	3.9	1.0	.6								8.7	6.6	6.0
(S) 170-190	3.5	3.2	1.4	.1								8.3	5.9	6.0
200-220	3.5	1.1	.1									4.7	3.5	2.0
230-250	2.3	1.7	.2									4.2	4.9	4.0
(W) 260-280	1.1	3.7	2.4	.3	.1							7.5	8.0	8.0
290-310	2.7	3.7	4.4	1.3	.2							12.3	9.0	9.0
320-340	1.9	4.3	2.7	.9	.3							10.1	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											20.8	////////	
TOTALS	27.5	32.6	15.1	3.5	.6							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION ERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.4	2.0	.1								9.7	7.1	7.0
020-040	1.2	2.4	.6									4.2	5.9	5.0
050-070	1.4	1.7										3.1	4.7	5.0
(E) 080-100	1.6	1.7	.6									4.0	5.6	5.0
110-130	1.5	2.2	.3									4.0	5.9	6.0
140-160	1.8	2.9	2.2	.5	.1							7.5	7.9	8.0
(S) 170-190	3.1	4.7	5.3	.4	.3							13.9	8.4	8.0
200-220	3.1	3.5	1.2									7.8	5.9	6.0
230-250	3.4	2.2	1.4									7.0	5.7	5.0
(W) 260-280	1.5	2.4	2.4	.4	.1							6.8	8.7	8.0
290-310	1.7	3.2	5.6	1.8	.4	.3	.1					13.2	11.3	11.0
320-340	1.5	5.6	4.3	1.6	.2							13.2	9.3	9.0
VARIABLE														
CALM	////////////////////											5.6	////////	
TOTALS	24.0	37.9	25.9	4.8	1.1	.3	.1					100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	50-64	GE 65			
(N) 350-010	1.9	5.1	2.6									9.6	7.3	8.0
020-040	1.8	2.6	.3									4.7	5.3	5.0
050-070	1.1	1.4	.2	.1								2.8	5.7	5.0
(E) 080-100	1.2	1.8	.2	.1								3.3	6.1	6.0
110-130	1.2	2.4	.3									3.9	5.8	6.0
140-160	1.7	4.0	2.5	.3	.1							8.6	8.1	8.0
(S) 170-190	1.2	6.6	4.9	2.0	.3							15.1	9.9	9.0
200-220	2.7	3.3	2.0									8.1	6.5	7.0
230-250	2.3	2.6	2.2	.1								7.1	6.9	7.0
(W) 260-280	1.5	2.8	1.9	1.0	.8							8.0	9.9	9.0
290-310	1.9	3.7	5.6	1.5	1.1							13.8	10.4	10.0
320-340	1.8	4.8	3.8	1.4	.5							12.4	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	20.3	41.1	26.5	6.5	2.8							100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	6.1	2.2									10.3	6.6	6.0
020-040	2.9	2.4	.2									5.5	4.9	4.0
050-070	2.4	1.3	.2									3.9	4.6	4.0
(E) 080-100	.6	1.3	.2									2.2	5.8	6.0
110-130	2.2	2.7	.5									5.4	5.5	5.0
140-160	1.9	6.9	3.2	.9								12.9	8.2	8.0
(S) 170-190	1.9	5.6	4.1	.8	.2							12.6	8.8	8.0
200-220	2.4	1.8	.4									4.6	4.9	4.0
230-250	1.9	3.2	1.5									6.7	6.5	6.0
(W) 260-280	.9	3.2	1.5	1.0	.3							6.9	9.3	8.0
290-310	1.2	3.3	4.4	2.9	1.2							13.0	11.5	11.0
320-340	1.7	5.2	2.5	.8	.1	.1						10.3	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	22.0	43.0	20.9	6.4	1.8	.1						100.0	7.4	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.4	1.9									10.4	6.1	6.0
020-040	2.5	1.4	.4									4.3	4.4	4.0
050-070	2.9	1.0	.1									4.0	3.4	3.0
(E) 080-100	2.2	1.2										3.3	3.9	4.0
110-130	1.8	1.8	.4									4.1	5.3	5.0
140-160	3.0	5.7	2.0	.5								11.3	7.2	6.0
(S) 170-190	3.5	6.0	2.2	.4	.1							12.3	7.0	6.0
200-220	2.5	1.7	.4									4.6	5.0	4.0
230-250	2.2	1.0	.3									3.4	4.6	4.0
(W) 260-280	.4	2.2	1.5	.5	.2							4.8	9.8	9.0
290-310	3.2	3.5	3.3	1.4	1.1							12.6	9.3	9.0
320-340	2.6	2.5	1.9	.8	.1							7.8	7.8	7.0
VARIABLE														
CALM	////////////////////											17.0	////////	
TOTALS	30.9	32.4	14.4	3.6	1.5							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.5	1.7	.2								9.4	6.6	6.0
020-040	1.7	1.4	.3									3.4	4.8	4.5
050-070	1.7	.9	.3									2.9	4.5	4.0
(E) 080-100	1.9	1.1										3.0	3.9	3.0
110-130	1.3	1.9										3.2	4.9	5.0
140-160	2.5	2.6	1.8	.3								7.2	6.6	6.0
(S) 170-190	4.2	7.0	1.6	.2	.2							13.2	6.4	6.0
200-220	4.9	2.0	.2									7.2	3.9	4.0
230-250	2.4	1.3	.3									4.0	4.7	4.0
(W) 260-280	1.8	2.3	2.2	.6	.1							7.0	8.3	8.0
290-310	3.2	3.4	3.0	1.6	.3							11.6	8.7	9.0
320-340	2.5	3.3	1.8	.6	.1							8.4	7.4	6.5
VARIABLE														
CALM	////////////////////											19.5	////////	
TOTALS	31.0	31.7	13.2	3.5	.7							100.0	5.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS															
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN	
(DEGREES)												%	WIND	WIND	
(N) 350-010	3.0	5.2	1.9	.1	.0							10.2	6.6	6.0	
020-040	1.7	1.9	.3							4.0	5.3	5.0			
050-070	1.7	1.1	.2	.0							3.0	4.6	4.0		
(E) 080-100	1.5	1.1	.2	.0							2.9	4.8	4.0		
110-130	1.6	1.8	.3							3.7	5.3	5.0			
140-160	2.5	3.9	1.9	.5	.0							8.8	7.3	7.0	
(S) 170-190	3.2	5.0	2.7	.5	.2							11.5	7.5	7.0	
200-220	3.4	2.0	.6							6.0	4.8	4.0			
230-250	2.5	1.9	.9	.0							5.3	5.6	5.0		
(W) 260-280	1.3	2.7	1.9	.6	.2							6.8	8.8	8.0	
290-310	2.4	3.4	4.1	1.6	.6	.0	.0					12.1	9.8	10.0	
320-340	2.1	4.5	2.6	1.0	.3	.0							10.5	8.5	8.0
VARIABLE															
CALM	////////////////////////////////////											15.1	////////////////////////////////		
TOTALS	26.9	34.5	17.6	4.3	1.3							100.0	6.1	6.0	

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	8.6	3.8	.3	.1							15.8	7.4	7.0
020-040	2.7	3.3	.9									6.8	5.8	6.0
050-070	2.8	1.8	.2	.1								4.8	4.9	4.0
(E) 080-100	2.2	2.2		.1								4.4	5.0	5.0
110-130	2.0	2.0	.2									4.1	4.5	5.0
140-160	2.0	5.5	2.4	.6								10.5	7.7	7.5
(S) 170-190	3.2	4.2	3.0	.9	.4							11.6	8.2	8.0
200-220	3.1	.5	.1									3.7	3.4	3.0
230-250	2.7	1.7	.3									4.6	4.3	4.0
(W) 260-280	1.5	1.5	1.0	.4								4.3	7.5	7.0
290-310	2.4	1.7	3.0	1.1								8.1	8.6	9.5
320-340	2.5	3.8	3.9	1.1	.1							11.4	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////	
TOTALS	30.2	36.8	18.8	4.6	.6							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 1013

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	6.1	2.1	.1								11.4	6.7	6.0
020-040	2.7	2.1	.6	.2	.1							5.8	5.8	5.0
050-070	1.9	.7	.2									2.8	4.7	4.0
(E) 080-100	2.1	.8	.4									3.3	4.4	3.0
110-130	2.5	1.3										3.8	4.0	3.0
140-160	2.4	2.0	.5									4.8	5.1	5.0
(S) 170-190	4.7	3.1	1.4									9.2	5.4	4.0
200-220	2.0	1.2	.5									3.7	4.8	4.0
230-250	1.9	1.1	.6									3.5	4.9	4.0
(W) 260-280	1.2	1.2	.9	.4								3.7	7.5	7.0
290-310	3.2	4.8	2.4	.6	.4							11.3	7.4	6.0
320-340	2.4	4.8	4.6	.1	.1							12.0	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											24.7	////////////////////////////////	
TOTALS	30.1	29.2	14.2	1.4	.6							100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	5.1	2.1	.2	.1							10.2	6.9	6.0
020-040	2.6	1.8	.6	.1	.1							5.2	5.7	4.5
050-070	.9	1.4	.5									2.8	5.9	5.0
(E) 080-100	.8	2.1	.1									3.1	5.8	5.5
110-130	1.8	.6	.2									2.6	4.0	3.5
140-160	3.4	1.8	.2									5.4	4.3	4.0
(S) 170-190	4.8	2.0	.7	.1								7.7	4.6	4.0
200-220	2.2	.6	.1									2.9	3.6	3.0
230-250	2.5	.9	.4	.1								3.9	4.5	4.0
(W) 260-280	.7	2.2	1.1	.2								4.2	7.7	7.0
290-310	3.5	4.0	2.6	.7	.5							11.3	7.8	6.5
320-340	2.6	4.2	4.2	.7								11.8	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											28.9	////////	
TOTALS	28.5	26.7	12.8	2.1	.7							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	4.9	1.6	.1								11.3	5.8	6.0
020-040	3.5	1.8	.7	.1								6.1	5.3	4.0
050-070	1.2	1.2	.5									2.8	5.9	6.0
(E) 080-100	1.5	1.6	.1									3.3	5.0	5.0
110-130	2.1	.8										2.9	3.8	3.0
140-160	2.9	1.2	.6									4.7	4.4	4.0
(S) 170-190	3.9	2.6	1.4	.2								8.1	5.7	5.0
200-220	2.7	.5	.1	.1								3.4	3.9	3.0
230-250	1.9	1.3	.5									3.7	5.4	4.0
(W) 260-280	1.6	1.3	1.2	.1								4.2	6.5	6.0
290-310	2.5	3.8	2.6	1.9	.2							11.0	9.2	8.0
320-340	2.4	4.8	3.5	.6	.6	.1						12.0	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											26.4	////////	
TOTALS	30.8	25.8	12.8	3.1	.8	.1						100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	4.0	1.9	.4	.1							9.1	7.4	7.0
020-040	2.4	3.2	1.2									6.7	6.4	6.0
050-070	1.4	3.3										4.7	5.8	6.0
(E) 080-100	.7	1.3	.5	.1								2.6	7.2	7.0
110-130	3.3	2.4	.7									6.4	5.1	4.0
140-160	2.7	3.3	1.1									7.1	6.2	6.0
(S) 170-190	3.4	5.9	1.4	.2								11.0	6.5	6.0
200-220	3.2	3.4	.7	.2								7.5	5.7	5.0
230-250	2.5	1.9	.2									4.6	5.0	4.0
(W) 260-280	1.2	1.4	1.3	.2								4.1	8.1	8.0
290-310	2.4	3.5	4.9	1.6	.8							13.3	10.4	10.0
320-340	1.8	4.7	4.9	1.2	.7	.1						13.4	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////////////////////////////	
TOTALS	27.7	38.3	18.8	3.9	1.6	.1						100.0	6.7	7.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LS TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	5.4	2.8	.6	.5							10.7	8.6	8.0
020-040	2.2	2.9	.8									6.0	5.9	6.0
050-070	1.6	2.6	.4									4.6	5.7	6.0
(E) 080-100	1.4	.7	.1									2.2	4.5	4.0
110-130	2.5	2.0	1.3	.2								6.0	6.8	5.0
140-160	2.	4.2	3.2	.5								9.9	7.9	8.0
(S) 170-190	2.4	6.5	3.4	.4								12.6	7.6	7.0
200-220	2.8	4.6	.7	.4	.2							8.7	6.4	6.0
230-250	1.1	2.6	.8	.1								4.6	6.7	6.0
(W) 260-280	1.3	1.5	2.1	.1								5.1	8.3	8.0
290-310	1.6	4.2	6.0	2.5	.1							14.5	10.4	10.0
320-340	1.5	4.1	4.1	1.2	.4							11.3	9.6	9.5
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	21.8	41.3	25.7	6.0	1.2							100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	8.0	1.3	.4								12.6	6.6	6.0
020-040	2.0	3.7	.5									6.1	5.9	6.0
050-070	2.2	2.9	.7									5.9	5.7	5.0
(E) 080-100	1.8	1.5	.2									3.5	4.8	4.5
110-130	2.2	2.9	.8									6.0	5.9	5.0
140-160	3.7	5.7	3.3	.8								13.4	7.6	7.0
(S) 170-190	2.4	5.2	3.3	.5								11.3	8.1	8.0
200-220	1.9	1.4	.2									3.5	4.8	4.0
230-250	.7	1.2	.5	.1	.1							2.6	7.5	6.0
(W) 260-280	1.3	2.0	1.2	.2								4.7	7.6	7.0
290-310	.9	3.9	4.7	1.6	.5							11.7	10.6	10.0
320-340	1.5	5.3	5.1	1.1	.5							13.4	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	23.5	43.7	21.8	4.7	1.1							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 849														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	5.5	1.6	.8	.1							13.2	6.6	6.0
020-040	4.4	3.3	.7									8.4	5.1	4.0
050-070	3.4	1.4	.1									4.9	3.8	3.0
(E) 080-100	2.8	1.3										4.1	4.2	4.0
110-130	3.1	2.5	.8									6.4	5.2	5.0
140-160	3.8	5.4	1.6	.6								11.4	6.5	6.0
(S) 170-190	2.1	3.3	1.9	.4	.1							7.8	7.6	6.5
200-220	1.4	1.1	.1									2.6	4.6	4.0
230-250	.7	.7	.2			.1						1.8	6.6	5.0
(W) 260-280	.7	1.1	.5	.2								2.5	7.3	6.0
290-310	1.5	4.2	3.2	.9	.2							10.1	8.9	9.0
320-340	3.1	6.4	2.4	.8	.2							12.8	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////	
TOTALS	32.1	36.2	13.1	3.7	.6	.1						100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	6.4	1.9	.1								12.1	6.5	7.0
020-040	4.1	2.8	1.2									8.1	5.1	4.0
050-070	2.0	.9	.5	.1								3.5	5.2	3.0
(E) 080-100	2.0	1.1	.1									3.2	3.9	3.0
110-130	2.5	2.1	.1									4.7	4.3	4.0
140-160	2.8	2.1	.8	.1								5.9	5.8	5.0
(S) 170-190	4.1	4.1	2.2									10.5	6.1	5.0
200-220	2.2	1.5	.4									4.1	4.5	4.0
230-250	2.0	.9	.1	.1	.1							3.3	5.0	4.0
(W) 260-280	.6	1.6	.4		.2							2.8	7.9	7.5
290-310	2.4	5.2	3.3	.8	.2							11.9	8.3	8.0
320-340	1.3	5.2	2.7	.4	.4							9.9	8.7	8.0
VARIABLE														
CALM	////////////////////											19.9	////////	
TOTALS	29.8	33.9	13.7	1.6	.9							100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECT'ON VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.3	5.7	1.9	.3	.1							11.3	6.8	6.0
020-040	3.0	2.7	.8	.1	.0							6.6	5.6	5.0
050-070	1.8	1.8	.4	.0							4.0	5.3	5.0	
(E) 080-100	1.6	1.3	.2	.0							3.2	4.9	4.0	
110-130	2.5	1.8	.5	.0							4.8	5.1	4.0	
140-160	3.0	3.2	1.4	.3							7.8	6.4	6.0	
(S) 170-190	3.5	4.1	2.0	.2	.0							9.8	6.6	6.0
200-220	2.3	1.8	.4	.1	.0							4.6	5.2	4.0
230-250	1.6	1.3	.4	.1	.0	.0						3.5	5.6	5.0
(W) 260-280	1.1	1.5	1.1	.2	.0							3.9	7.6	7.0
290-310	2.3	4.2	3.7	1.3	.4							11.9	9.2	9.0
320-340	2.1	4.9	3.9	.8	.4	.0						12.1	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											16.5	////////////////////////////////	
TOTALS	28.1	34.3	16.7	3.4	.9							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N)	350-010	5.1	9.2	5.0	1.0	.2							20.5	7.7	7.0
	020-040	3.2	2.1	1.3	.1	.2							6.9	6.3	5.0
	050-070	1.5	2.8	1.0									5.3	6.8	7.0
(E)	080-100	1.9	2.7	.7	.1								5.4	6.2	6.0
	110-130	2.6	1.5	.6	.1								4.8	5.3	4.0
	140-160	2.2	2.5	1.2									5.9	6.2	6.0
(S)	170-190	1.9	3.0	1.8	.3	.1							7.2	7.5	8.0
	200-220	.9	.9		.1								1.9	4.9	5.0
	230-250	1.3	1.1	.3									2.7	5.1	5.0
(W)	260-280	.4	2.0	.5									2.8	7.4	8.0
	290-310	1.1	3.1	2.8	.5	.8							8.3	10.0	9.0
	320-340	2.5	6.4	7.6	1.7	.6	.1						19.0	9.7	10.0
VARIABLE															
CALM		////////////////////////////////////										9.4	////////		
TOTALS		24.6	37.3	22.8	3.9	1.9	.1						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1090

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.2	3.3	2.2	.2								10.9	5.9	5.0
020-040	4.1	2.6	.5									7.2	4.9	4.0
050-070	2.0	1.3	.6	.4								4.4	6.4	5.0
(E) 080-100	1.8	2.2	1.1	.3	.1							5.5	7.3	6.0
110-130	2.7	1.4		.2								4.3	4.8	4.0
140-160	2.6	2.0	.8	.2	.1							5.7	6.0	5.0
(S) 170-190	4.7	6.0	2.8	.1	.1							13.8	6.5	6.0
200-220	2.9	.9	.1									3.9	3.7	3.5
230-250	1.1	.8	.4	.1								2.4	6.1	5.0
(W) 260-280	.6	.8	1.0	.2		.1						2.7	8.8	9.0
290-310	1.6	1.7	2.7	.4	.1							6.6	8.6	9.0
320-340	3.8	2.6	2.3	.4								9.0	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											23.8	////////////////////////////////	
TOTALS	33.1	25.6	14.5	2.5	.4	.1						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	3.0	3.0	.2								11.9	6.0	5.0
020-040	3.7	3.3	.3									7.3	5.0	4.5
050-070	2.6	1.6	.4	.2								4.8	5.4	4.0
(E) 080-100	2.6	1.6	1.5	.2	.1							6.0	6.9	6.5
110-130	3.2	.9	.5									4.6	4.6	4.0
140-160	3.0	2.9	.9	.2	.1							7.1	5.9	5.0
(S) 170-190	3.9	3.3	1.4	.5	.3							9.5	6.9	6.0
200-220	2.8	1.3	.1									4.2	4.3	3.0
230-250	1.2	.6	.3	.1								2.3	5.6	4.0
(W) 260-280	.2	1.3	.6	.4								2.6	9.4	8.5
290-310	2.5	3.0	2.0	.5	.1							8.2	7.6	7.0
320-340	3.7	2.5	2.3	.3								8.7	6.5	6.0
VARIABLE														
CALM	////////////////////											22.8	////////	
TOTALS	35.1	25.3	13.3	2.6	.6							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.8	3.0	.4								10.6	7.1	6.0
020-040	3.1	2.8	.3									6.2	5.1	4.5
050-070	2.9	2.6	.5	.1	.1							6.2	5.5	5.0
(E) 080-100	2.7	2.9	1.5									7.1	6.2	5.0
110-130	3.1	2.0	.9	.1	.1							6.2	5.9	4.5
140-160	3.0	2.4	1.2									6.6	6.0	5.0
(S) 170-190	3.2	5.1	2.0	.1	.3							10.8	7.2	7.0
200-220	1.9	1.8	.4	.1								4.3	5.5	5.0
230-250	1.8	1.5	.3	.1								3.8	5.2	5.0
(W) 260-280	.9	1.1	1.0	.4	.1							3.4	8.5	8.0
290-310	1.2	3.4	2.9	.6	.2							8.4	9.1	9.0
320-340	2.9	3.3	2.5	.1	.1							8.9	7.0	6.0
VARIABLE														
CALM	////////////////////											17.4	////////	
TOTALS	30.1	32.7	16.5	2.0	.9							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	4.0	3.9	.3								10.9	7.7	8.0
020-040	2.0	3.0	1.4									6.5	6.4	6.0
050-070	1.4	3.3	1.0	.1								5.8	6.6	6.0
(E) 080-100	1.8	4.9	1.1	.1								8.0	6.9	7.0
110-130	1.1	3.5	1.3	.4								6.3	7.8	8.0
140-160	1.7	3.8	2.2	.3	.1							8.1	8.1	7.0
(S) 170-190	1.7	4.6	4.9	1.0	.4	.2						12.9	9.7	10.0
200-220	2.0	4.3	1.8	1.0								9.1	8.1	8.0
230-250	1.4	1.3	1.6	.3	.1							4.7	8.2	8.0
(W) 260-280	.6	1.8	1.9	.2	.1							4.7	9.2	9.0
290-310	.8	3.0	4.0	1.6	.3							9.7	10.6	10.0
320-340	1.3	4.6	3.7	.8								10.3	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	18.5	42.1	28.8	6.1	1.0	.2						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.7	3.2	1.0								9.8	8.6	8.0
020-040	1.4	3.1	1.1									5.6	6.6	6.0
050-070	2.2	4.0	.4	.1								6.7	6.1	6.0
(E) 080-100	1.4	2.4	1.2	.8								5.7	8.0	7.0
110-130	1.6	4.3	1.2									7.1	6.6	6.0
140-160	1.3	3.0	3.4	1.3	.1	.1						9.2	9.8	10.0
(S) 170-190	.8	2.8	4.3	2.6	1.8	.1						12.4	12.4	12.0
200-220	1.6	3.5	2.6	.3	.1							8.2	8.3	8.0
230-250	1.1	2.5	1.6	.3	.3							5.8	8.8	7.0
(W) 260-280	.1	1.6	1.2	.9	.1							3.9	10.7	10.0
290-310	.6	3.4	5.8	1.2	.5	.2						11.8	11.0	10.0
320-340	1.4	4.1	5.3	.6								11.4	9.4	10.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	15.4	38.4	31.3	9.1	2.9	.4						100.0	9.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	4.3	3.8	.4	.1							9.5	8.8	8.0
020-040	1.7	3.7	.8									6.1	6.1	6.0
050-070	2.0	3.3	1.2									6.6	6.6	7.0
(E) 080-100	2.4	3.9	1.5	.6	.1							8.5	7.6	7.0
110-130	1.6	2.6	2.3									6.5	7.5	7.0
140-160	.9	3.3	4.7	1.1								10.0	9.8	10.0
(S) 170-190	1.0	2.2	5.5	2.6	1.2	.1						12.5	12.5	13.0
200-220	1.6	1.9	.6	.1								4.3	6.2	6.0
230-250	.4	2.0	1.0	.3	.1							3.9	8.8	8.5
(W) 260-280	.5	1.1	1.5	.6	.2							4.0	10.6	11.0
290-310	1.2	4.6	4.3	.8	.4	.1						11.4	9.8	9.0
320-340	1.1	6.5	4.9	1.4								13.9	9.1	9.0
VARIABLE														
CALM	////////////////////											3.0	////////	
TOTALS	15.3	39.4	32.1	7.9	2.1	.2						100.0	8.7	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.3	6.1	2.2	.2	.1							13.9	6.3	6.0
020-040	3.8	2.7	.3	.2								7.0	4.9	4.0
050-070	4.3	2.9	.9									8.1	4.9	4.0
(E) 080-100	2.4	3.9	.8	.2								7.2	6.4	6.0
110-130	2.8	2.8	1.2									6.8	6.0	5.0
140-160	2.4	3.9	3.2	.2								9.7	7.8	8.0
(S) 170-190	1.9	3.0	4.7	.6	.4							10.8	9.5	10.0
200-220	1.0	.4	5	.2								2.2	7.2	5.5
230-250	1.1	.5	.5									2.2	6.1	4.5
(W) 260-280	.8	.8	1.3	.8								3.5	9.9	10.0
290-310	2.0	2.7	1.3	.9	.4	.1						7.4	8.9	8.0
320-340	3.5	3.2	2.5	.3	.2							9.8	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											11.6	////////	
TOTALS	31.3	32.9	19.4	3.6	1.1	.1						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	3.9	1.3	.8	.1							11.3	6.1	5.0
020-040	4.1	2.7	1.2									8.0	5.2	4.0
050-070	2.7	1.7	.6									5.1	5.1	4.0
(E) 080-100	3.7	3.2	1.3									8.2	5.7	5.0
110-130	2.8	2.5	.5	.1								5.9	5.4	5.0
140-160	1.9	2.6	1.0	.1								5.6	6.3	5.5
(S) 170-190	3.4	5.9	3.3	.5	.1							13.3	7.3	7.0
200-220	1.7	1.4	.2									3.3	5.1	4.0
230-250	1.1	.4		.1								1.6	4.9	4.0
(W) 260-280	.6	.8	1.1	.5	.1	.1						3.2	10.3	10.0
290-310	1.8	2.3	1.8	.5	.2							6.7	8.2	7.0
320-340	1.8	3.0	1.6	.4	.1							7.0	7.5	6.0
VARIABLE														
CALM	////////////////////											20.9	////////	
TOTALS	30.9	30.4	13.9	3.0	.6	.1						100.0	5.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.8	4.0	2.8	.4	.0							11.1	7.0	6.0
020-040	3.0	3.0	.7	.0							6.7	5.5	5.0	
050-070	2.5	2.6	.7	.1	.0							6.0	5.8	5.0
(E) 080-100	2.3	3.1	1.2	.3	.0							7.0	6.8	6.0
110-130	2.4	2.5	1.0	.1	.0							6.0	6.2	5.5
140-160	2.1	3.0	2.2	.4	.1	.0						7.7	7.8	8.0
(S) 170-190	2.4	4.1	3.6	1.0	.6	.1						12.0	9.0	8.0
200-220	1.9	1.9	.8	.2	.0							4.9	6.5	6.0
230-250	1.1	1.2	.7	.2	.1							3.3	7.2	6.0
(W) 260-280	.6	1.1	1.2	.5	.1	.0						3.5	9.7	10.0
290-310	1.5	3.0	3.1	.8	.3	.1						8.8	9.4	9.0
320-340	2.4	3.7	3.1	.6	.1						9.9	7.9	8.0	
VARIABLE														
CALM	////////////////////////////////////											13.1	////////////////////////////////	
TOTALS	26.2	33.2	21.1	4.6	1.3	.2						100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	7.9	7.9	1.7	.1							22.3	8.5	8.0
020-040	2.0	6.5	2.2									10.6	6.8	6.0
050-070	2.7	5.0	2.0	.8	.1							10.6	7.4	7.0
(E) 080-100	2.8	4.8	1.8	.9	.2							10.5	7.6	7.0
110-130	2.7	4.1	.6	.2	.1							7.7	6.1	6.0
140-160	1.8	2.3	.6	.2								4.9	6.3	6.0
(S) 170-190	1.1	2.2	1.1	.2	.3							4.8	8.5	7.0
200-220	.2	.7										.9	5.8	5.0
230-250	.3	.7	.5									1.5	7.7	7.0
(W) 260-280	.2	1.5	.9	.6								3.1	9.8	9.0
290-310	.7	1.7	2.8	.6	.1							5.9	9.9	10.0
320-340	.9	3.4	6.4	.6	.1							11.3	9.9	10.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////	
TOTALS	20.1	40.8	26.8	5.8	1.0							100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 1023

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	2.1	1.4	.2								7.2	6.0	5.0
020-040	2.8	1.6	.8									5.1	5.1	4.0
050-070	2.1	1.3										3.4	3.8	4.0
(E) 080-100	1.6	1.9	.3	.1								3.9	6.1	6.0
110-130	2.6	1.7	.7									4.9	5.2	4.0
140-160	4.4	.8	.8									6.0	4.5	4.0
(S) 170-190	6.0	3.3	1.0	.2								10.6	5.1	4.0
200-220	3.2	1.0	.3		.1							4.7	4.3	3.0
230-250	2.0	1.1	.3		.2	.1						3.8	6.5	4.0
(W) 260-280	.8	1.8	1.3	.4								4.3	8.4	8.0
290-310	2.2	2.3	1.0	.1	.1	.1						5.9	6.8	5.0
320-340	3.1	4.7	1.6	.1								9.4	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											30.8	////////////////////////////////	
TOTALS	34.2	23.6	9.5	1.1	.4	.2						100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCCIT AFB IL  
IST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.7	2.2	1.2	.1								8.2	5.3	4.0
020-040	1.7	1.9	.3									3.9	5.5	5.0
050-070	2.3	.9	.2									3.4	4.3	4.0
(E) 080-100	1.1	1.2	.6									2.9	6.2	6.0
110-130	2.3	1.2	.9		.1							4.6	6.1	4.0
140-160	4.1	2.7	.4									7.2	4.8	4.0
(S) 170-190	6.1	1.4	.1									7.7	3.4	3.0
200-220	3.3	1.7	.1									5.1	3.6	3.0
230-250	1.9	.4	.6			.1						3.0	5.5	3.0
(W) 260-280	1.8	2.0	1.2	.2	.1							5.3	7.0	6.0
290-310	1.9	2.8	1.4	.4								6.6	7.0	7.0
320-340	3.4	3.9	1.2	.1								8.7	6.1	6.0
VARIABLE		.1										.1	7.0	7.0
CALM	////////////////////////////////////											33.3	////////////////////////////////	
TOTALS	34.6	22.4	8.2	.8	.2	.1						100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	3.7	1.4	.1								8.4	6.0	6.0
020-040	1.1	1.4	1.0									3.6	6.9	7.5
050-070	2.4	1.4	.1									4.0	4.4	4.0
(E) 080-100	1.8	2.2	1.2	.1								5.3	6.7	5.5
110-130	2.8	1.8	.8									5.3	5.4	4.0
140-160	3.4	3.2	.9	.1								7.7	5.4	5.0
(S) 170-190	4.6	4.4	2.0	.1								11.1	6.1	6.0
200-220	4.1	1.8	.2									6.1	4.1	4.0
230-250	2.9	1.1	.3	.2								4.6	5.2	4.0
(W) 260-280	1.4	2.9	1.2		.2	.1						5.9	8.1	7.0
290-310	1.7	2.6	1.3	.7	.2							6.4	8.0	6.0
320-340	2.7	6.4	1.9	.3	.1							11.4	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											20.1	////////////////////////////////	
TOTALS	32.1	32.9	12.3	1.6	.5	.1						100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.0	2.9	.2								10.3	7.5	8.0
020-040	1.3	1.8	1.0									4.1	6.4	6.0
050-070	1.4	2.6	.3									4.3	5.4	5.0
(E) 080-100	1.2	1.8	1.4	.4								4.9	8.0	8.0
110-130	2.7	2.7	1.7	.1								7.1	.8	6.0
140-160	2.1	3.2	3.2	.4								9.0	7.9	8.0
(S) 170-190	2.4	5.8	5.6	1.0								14.8	8.5	8.0
200-220	2.2	4.2	1.8									8.2	6.7	7.0
230-250	1.4	3.6	1.6	.1								6.7	7.3	7.0
(W) 260-280	.9	2.2	3.0	.1	.3							6.6	9.6	10.0
290-310	1.6	3.3	4.8	.9	.4							11.0	9.8	10.0
320-340	1.3	4.2	3.8	.3	.2							9.9	8.7	9.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////	
TOTALS	20.7	40.4	31.1	3.5	.9							100.0	7.7	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.7	3.2	.1								8.8	7.7	8.0
020-040	1.9	1.7	.6	.1	.1							4.3	6.5	5.0
050-070	1.8	2.4	.3									4.6	5.1	5.0
(E) 080-100	1.3	1.1	1.8	.3								4.6	8.0	8.0
110-130	1.6	2.4	1.3	.2								5.6	7.2	6.0
140-160	1.8	3.2	3.8	1.6	.1							10.4	9.4	10.0
(S) 170-190	1.6	4.3	6.0	1.9	.7		.1					14.6	10.6	10.0
200-220	2.0	2.2	2.8	.4								7.4	8.0	8.0
230-250	1.3	2.9	2.1	.3								6.7	8.2	8.0
(W) 260-280	.9	1.3	3.6	.6	.1	.1						6.6	10.5	11.0
290-310	.7	3.0	5.7	1.6	.6							11.4	10.9	10.0
320-340	2.1	4.9	4.2	.9	.1							12.2	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	18.8	33.1	35.4	8.0	1.7	.1	.1					100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	4.8	3.0	.2								10.7	7.3	7.0
020-040	1.7	2.3	.9	.2								5.1	6.5	6.0
050-070	2.8	2.8	.2									5.8	5.2	5.0
(E) 080-100	1.8	2.1	1.4	.1								5.4	6.4	6.0
110-130	1.7	3.2	1.0	.3								6.2	7.0	7.0
140-160	2.6	2.9	3.7	3.1	.3							12.6	10.5	10.0
(S) 170-190	1.3	2.8	6.0	2.7	.6	.1						13.4	11.3	11.0
200-220	1.0	1.7	1.4	.1								4.2	7.6	7.5
230-250	.6	1.6	2.3	.6								5.0	10.0	10.0
(W) 260-280	1.0	1.7	2.9	.4	.1							6.1	9.3	10.0
290-310	1.0	3.7	4.8	1.3	.3	.2						11.3	10.5	10.0
320-340	2.3	4.2	4.7	1.1		.1						12.4	8.9	9.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	20.5	33.8	32.3	10.1	1.3	.4						100.0	8.7	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	3.1	1.0	.3								7.6	6.1	5.0
020-040	3.9	1.8	.3									6.0	4.4	3.5
050-070	4.3	2.2	.7									7.2	4.5	4.0
(E) 080-100	3.3	1.7	.9									5.9	5.2	4.0
110-130	3.6	1.6	.7									5.8	4.9	4.0
140-160	2.3	4.4	3.3	.8	.1							11.0	8.4	8.0
(S) 170-190	2.0	5.9	4.2	1.1	.3							13.6	8.9	8.0
200-220	1.4	.9	.	.1								2.8	5.6	4.0
230-250	1.0	1.2	.2	.1								2.6	5.7	6.0
(W) 260-280	2.0	2.3	1.4	.4								6.2	7.2	7.0
290-310	3.6	2.2	1.2	.4	.2							7.7	6.7	5.0
320-340	4.4	4.6	2.9	.7	.1	.1						12.8	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											11.0	////////	
TOTALS	34.9	31.9	17.1	3.9	.7	.1						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.0	1.1									6.8	5.2	4.0
020-040	3.0	1.7	.3	.1	.2							5.3	5.8	4.0
050-070	2.4	1.4	.6									4.4	5.1	4.0
(E) 080-100	3.2	2.0	1.1									6.3	5.3	4.0
110-130	3.4	2.0	.3	.1	.1							6.0	5.2	4.0
140-160	3.7	2.4	.9	.2								7.2	5.4	4.0
(S) 170-190	3.6	6.0	2.3		.2							12.1	6.6	6.0
200-220	2.2	1.3	.8									4.3	5.6	4.0
230-250	2.1	1.7	.3	.1	.1							4.3	5.9	5.0
(W) 260-280	1.1	1.9	.1	.2								3.3	6.1	6.0
290-310	1.8	2.6	.9	.2								5.4	6.7	7.0
320-340	2.7	3.8	1.1	.8								8.3	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											26.0	////////////////////////////////	
TOTALS	32.9	28.8	9.8	1.7	.6							100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	3.3	1.9	.2								8.5	6.5	6.0
020-040	2.2	1.8	.7	.1	.0							4.7	5.8	5.0
050-070	2.5	1.9	.3									4.7	4.8	4.0
(E) 080-100	1.9	1.8	1.1	.1								4.9	6.4	6.0
110-130	2.6	2.1	.9	.1	.0							5.7	6.0	5.0
140-160	3.1	2.9	2.1	.8	.1							8.9	7.5	7.0
(S) 170-190	3.4	4.3	3.4	.9	.2	.0	.0					12.2	8.0	7.0
200-220	2.4	1.8	1.0	.1	.0							5.4	5.8	5.0
230-250	1.7	1.7	1.0	.2	.0	.0						4.6	7.1	6.0
(W) 260-280	1.2	2.0	1.8	.3	.1	.0						5.5	8.5	8.0
290-310	1.8	2.8	2.6	.7	.2	.0						8.2	8.8	9.0
320-340	2.8	4.6	2.7	.5	.1	.0						10.7	7.5	7.0
VARIABLE		.0										.0	7.0	7.0
CALM	////////////////////											16.1	////////////////	
TOTALS	28.7	31.0	19.5	4.0	.7							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN %	WIND WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.2	3.0	1.2	.6							9.0	6.4	6.0
020-040	2.8	2.4	1.2		.2						6.6	6.6	6.0
050-070	5.4	3.4	.4								9.2	4.5	4.0
(E) 080-100	1.2	5.8	4.8	1.4							13.2	9.3	8.5
110-130	3.2	3.2	3.6		.2						10.2	7.4	7.0
140-160	2.0	1.8	1.4	1.0							6.2	7.8	8.0
(S) 170-190	1.6	2.8	1.0								5.4	6.2	6.0
200-220	1.0	1.2	.4								2.6	6.1	5.0
230-250	1.0	.6	1.2								2.8	7.4	7.0
(W) 260-280	.4	3.2	1.6	.4							5.6	8.4	7.5
290-310	2.0	2.2	3.2	.8							8.2	8.4	9.0
320-340	1.8	5.6	4.8	.6		.2					13.0	8.8	8.0
VARIABLE													
CALM	////////////////////////////////////										7.8	////////////////////////////////	
TOTALS	26.6	35.2	24.8	4.8	.4	.2					100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 499



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	3.2	.4									8.3	4.6	4.0
020-040	2.4	1.1	.2									3.7	4.3	3.5
050-070	2.5	1.3	.1									3.9	4.2	3.5
(E) 080-100	1.5	.6	.2									2.4	4.5	4.0
110-130	3.3	.8										4.1	3.3	3.0
140-160	4.2	1.8										6.0	3.7	3.5
(S) 170-190	4.6	3.7	.6									8.9	4.9	4.0
200-220	3.0	1.4	.2									4.6	3.9	3.0
230-250	1.9	.5	.3									2.8	4.5	3.5
(W) 260-280	1.1	1.3										2.4	4.8	5.0
290-310	1.1	1.8	.4									3.3	5.7	6.0
320-340	1.1	1.5	.6									3.2	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											46.5	////////////////////////////////	
TOTALS	31.3	19.0	3.0									100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	2.9	.8	.1								8.8	4.7	4.0
020-040	3.0	1.2	.2									4.4	3.8	3.0
050-070	1.4	.4	.2	.1								2.2	5.3	4.0
(E) 080-100	1.7	1.0	.3		.1							3.1	5.2	4.0
110-130	3.1	1.3										4.4	3.6	3.0
140-160	4.7	2.0	.2		.1							7.1	4.1	3.0
(S) 170-190	4.8	3.1	.3									8.3	4.6	4.0
200-220	3.9	1.0										4.8	3.4	3.0
230-250	2.5	.9										3.3	3.6	3.0
(W) 260-280	.6	.1										.8	3.1	3.0
290-310	1.1	1.0	.2									2.3	5.2	5.0
320-340	2.7	2.6	.4									5.7	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											44.8	////////	
TOTALS	34.6	17.5	2.6	.2	.2							100.0	2.4	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	4.1	1.7									10.5	5.4	5.0
020-040	2.6	1.5	.1									4.2	4.4	4.0
050-070	2.8	1.6	.3									4.7	4.7	4.0
(E) 080-100	2.4	2.0	.1									4.5	4.5	4.0
110-130	3.8	1.9	.2									5.9	4.1	4.0
140-160	5.3	4.0	1.0	.2								10.4	5.3	4.0
(S) 170-190	6.7	4.7	1.5	.2								13.1	5.5	4.0
200-220	2.7	2.0	.3									5.1	4.9	4.0
230-250	3.1	1.8	.6	.2								5.8	5.6	4.0
(W) 260-280	.9	.8	.6									2.3	6.4	5.0
290-310	2.3	2.0	.8									5.1	5.7	5.0
320-340	1.3	3.4	.2									4.9	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											23.4	////////	
TOTALS	38.6	29.8	7.4	.6								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.4	2.2									3.4	7.2	7.5
020-040	3.8	3.3	.6									7.7	5.1	5.0
050-070	2.5	2.3	.8									5.5	5.2	5.0
(E) 080-100	2.2	2.2	.4									4.7	5.5	5.0
110-130	3.1	3.3	1.0									7.4	5.7	5.0
140-160	3.7	3.8	2.4	.4	.1							10.3	7.1	6.0
(S) 170-190	3.8	6.9	4.1	1.4	.3							16.5	8.2	8.0
200-220	3.1	5.6	1.9	.1								10.8	6.3	6.0
230-250	1.9	3.0	1.1	.2								6.2	6.8	7.0
(W) 260-280	1.4	2.5	1.3	.2	.1							5.5	7.7	8.0
290-310	1.3	2.5	2.3	.7								6.3	8.1	8.0
320-340	1.1	3.4	1.4									5.9	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	29.7	43.2	19.5	2.6	.5							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	5.1	2.4	.1								8.9	7.5	7.0
020-040	2.6	2.8	.6									6.0	5.4	5.0
050-070	2.8	2.7	.4									5.9	5.3	5.0
(E) 080-100	.9	2.7	.5									4.1	6.6	7.0
110-130	1.8	2.6	1.0									5.4	6.2	6.0
140-160	2.6	4.4	3.0	1.3	.3							11.6	8.6	8.0
(S) 170-190	2.7	6.8	6.1	2.3	.8							18.6	9.4	9.0
200-220	3.3	5.3	1.2	.1								9.9	6.2	6.0
230-250	1.3	2.7	1.6	.3	.1							6.0	8.1	8.0
(W) 260-280	1.9	2.2	2.4	.2								6.7	7.7	8.0
290-310	2.0	2.0	2.5	.4								7.0	8.1	8.0
320-340	1.7	4.2	1.8	.1								7.8	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	25.0	43.5	23.5	4.8	1.2							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	5.3	1.8	.3								10.1	7.1	6.0
020-040	2.7	3.2	.9	.1								6.9	5.8	5.0
050-070	1.8	2.4	.9									5.1	6.0	5.0
(E) 080-100	2.2	1.7	.3									4.2	5.3	4.0
110-130	2.0	2.2	.4									4.6	5.7	5.0
140-160	3.1	4.4	4.7	1.3	.2							13.8	8.6	8.0
(S) 170-190	2.8	7.3	5.7	1.8	.3	.2						18.2	9.2	9.0
200-220	2.4	3.9	2.0	.2								8.5	6.9	6.0
230-250	1.6	2.6	.8									4.9	6.2	6.5
(W) 260-280	.4	2.0	1.0	.5	.1							4.1	9.2	8.0
290-310	.9	3.4	2.2	1.1								7.5	9.2	9.0
320-340	1.6	4.8	1.6	.3	.1							8.5	7.3	6.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	24.2	43.2	22.3	5.6	.7	.2						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.3	.9									8.3	4.9	5.0
020-040	4.9	1.7	.4									7.1	4.1	3.0
050-070	5.4	.9		.1								6.3	3.4	3.0
(E) 080-100	2.3	1.2	.6									4.1	5.0	4.0
110-130	3.5	3.1	.5									7.2	5.0	5.0
140-160	5.9	5.5	1.2	.5								13.1	6.0	5.0
(S) 170-190	4.3	5.9	4.0	.3	.1							14.6	7.3	7.0
200-220	2.6	1.8	1.0	.1								5.5	5.9	5.0
230-250	1.3	1.0	.1	.1	.1							2.6	6.0	4.5
(W) 260-280	1.9	1.0	.1	.1								3.1	4.8	4.0
290-310	1.3	1.4	.6	.2								3.5	6.8	6.0
320-340	1.5	3.3	1.4	.3								6.6	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											18.0	////////	
TOTALS	39.0	30.1	10.8	1.7	.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.3	.6									5.6	5.4	5.0
020-040	3.1	1.4	.2									4.7	4.1	3.5
050-070	2.9	.8	.3									4.0	4.4	4.0
(E) 080-100	2.4	.4										2.8	3.2	3.0
110-130	3.8	1.8	.2									5.8	3.9	3.0
140-160	8.6	3.2	.3	.1								12.3	4.1	3.0
(S) 170-190	3.9	4.2	1.5	.1								9.7	5.6	5.0
200-220	3.2	1.5	.2	.2								5.2	4.3	3.0
230-250	2.0	.3	.2	.1								2.7	4.3	3.0
(W) 260-280	.9	.8	.2									1.8	5.7	5.0
290-310	1.5	.5	.6									2.7	5.7	4.0
320-340	1.1	2.2	1.3									4.5	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											38.3	////////	
TOTALS	36.1	19.4	5.6	.5								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.8	1.3	.1								8.6	5.9	6.0
020-040	3.1	2.0	.4	.0								5.6	4.7	4.0
050-070	2.8	1.5	.4	.0								4.7	4.8	4.0
(E) 080-100	1.9	1.5	.3		.0							3.7	5.1	4.0
110-130	3.1	2.1	.4									5.6	4.8	4.0
140-160	4.8	3.6	1.6	.5	.1							10.6	6.2	5.0
(S) 170-190	4.2	5.3	3.0	.8	.2	.0						13.5	7.3	7.0
200-220	3.0	2.8	.9	.1								6.8	5.5	5.0
230-250	2.0	1.6	.6	.1	.0							4.3	6.0	5.0
(W) 260-280	1.1	1.3	.7	.1	.0							3.3	7.0	6.0
290-310	1.4	1.8	1.2	.3								4.7	7.3	7.0
320-340	1.5	3.2	1.1	.1	.0							5.9	6.8	6.0
VARIABLE														
CALM	////////////////////											22.7	////////	
TOTALS	32.3	30.5	11.9	2.1	.3							100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	7.1	4.8	.6								15.0	8.1	8.0
020-040	2.3	3.1	1.5									6.9	6.6	6.0
050-070	2.1	3.5	2.3	.4								8.3	7.5	7.0
(E) 080-100	3.3	3.5	.8									7.5	5.5	5.0
110-130	4.4	3.8	.8									9.0	5.1	5.0
140-160	4.6	3.3	1.2	.4								9.4	5.5	5.0
(S) 170-190	2.7	1.5		.4								4.6	4.9	3.5
200-220	2.1	.8	.6	.2								3.6	5.1	4.0
230-250	1.0	.4	.4									1.7	5.6	4.0
(W) 260-280	1.2	1.0	.2		.2							2.5	6.5	5.0
290-310	.2	2.1	1.5	.4								4.2	8.6	8.5
320-340	.8	4.6	3.3		.2							8.8	8.8	8.5
VARIABLE														
CALM	////////////////////											18.4	////////	
TOTALS	27.2	34.7	17.4	2.4	.4							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 521

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.3	.7									5.2	4.6	3.0
020-040	3.2	.8										4.0	3.4	3.0
050-070	2.2	.4	.1									2.8	3.6	4.0
(E) 080-100	.9	.1										1.0	2.6	2.0
110-130	3.0											3.0	2.6	2.0
140-160	4.9	1.4	.1									6.4	3.4	3.0
(S) 170-190	5.4	3.2	.2	.2								9.1	4.4	4.0
200-220	3.6	1.2	.1									4.9	3.5	3.0
230-250	1.9	.7				.1						2.7	4.5	3.0
(W) 260-280	2.0	.8	.1	.1								3.0	4.0	3.0
290-310	1.0	.4										1.4	3.5	3.0
320-340	1.4	1.6	.3									3.3	5.3	5.5
VARIABLE														
CALM	////////////////////////////////////											53.1	////////////////////////////////	
TOTALS	32.7	11.9	1.6	.3		.1						100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	.8	.6									5.7	3.9	3.0
020-040	3.0	1.4										4.4	3.8	3.0
050-070	1.6	.2										1.8	2.9	3.0
(E) 080-100	1.7	.3										2.0	2.8	2.0
110-130	1.1	.6										1.7	3.3	2.0
140-160	4.0	1.1										5.1	3.4	3.0
(S) 170-190	5.3	2.1	.3									7.8	3.9	3.0
200-220	4.0	.7	.2									4.9	3.3	2.0
230-250	3.3	.4										3.8	2.9	3.0
(W) 260-280	.6	.1										.7	3.8	3.5
290-310	1.4	.4	.1									2.0	3.8	3.5
320-340	3.1	2.3	.4									5.9	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											54.3	////////////////////////////////	
TOTALS	33.4	10.4	1.6									100.0	1.7	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.9	.4									7.3	4.7	4.0
020-040	4.8	1.6	.4									6.8	4.0	4.0
050-070	2.8	.9										3.7	3.5	4.0
(E) 080-100	2.2	.7										2.9	3.1	3.0
110-130	2.9	.8	.1									3.8	3.7	3.0
140-160	4.1	2.6	.1									6.8	4.1	4.0
(S) 170-190	6.7	5.1	1.3									13.1	5.1	4.0
200-220	6.2	4.0	.6									10.8	4.3	4.0
230-250	3.7	1.8	.2									5.7	4.2	4.0
(W) 260-280	1.6	1.1										2.7	4.5	4.0
290-310	1.6	2.1	.1									3.8	5.0	5.0
320-340	1.9	3.1	.3									5.3	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											27.4	////////////////////////////////	
TOTALS	42.5	26.7	3.5									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	4.4	.7									9.3	5.2	5.0
020-040	3.2	2.3	.8									6.3	5.3	4.0
050-070	2.3	1.2	.3									3.9	4.5	4.0
(E) 080-100	2.2	1.1	.1									3.4	4.1	4.0
110-130	2.9	2.0	.2									5.1	4.7	4.0
140-160	4.4	3.9	.2									8.6	4.7	4.0
(S) 170-190	4.9	5.2	2.3	.2								12.7	6.1	5.5
200-220	5.4	7.8	3.	.1								16.9	6.5	6.0
230-250	2.2	4.7	1.4									8.3	6.6	6.0
(W) 260-280	1.8	2.6	.7									5.0	6.1	6.0
290-310	1.6	2.6	.8									4.9	6.1	6.0
320-340	2.1	3.9	1.2									7.2	6.3	6.0
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	37.2	41.7	12.3	.3								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.6	1.0									8.4	5.8	5.0
020-040	4.1	2.3	.7									7.1	4.7	4.0
050-070	2.3	1.4										3.8	4.1	4.0
(E) 080-100	2.4	.6	.2									3.2	4.2	4.0
110-130	3.1	2.3	.6									6.0	5.2	4.0
140-160	3.1	4.7	1.9									9.7	6.2	6.0
(S) 170-190	3.1	6.4	3.7	.6								13.8	7.4	6.0
200-220	3.1	8.2	2.6	.1								14.0	6.8	6.0
230-250	2.3	3.9	1.4									7.7	6.5	6.0
(W) 260-280	1.1	3.0	1.4		.1							5.7	7.2	8.0
290-310	1.8	2.3	1.1	.1	.1							5.4	6.9	6.0
320-340	2.4	6.0	1.3									9.8	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	31.7	45.7	15.9	.8	.2							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.1	5.2	.9									10.2	5.6	5.0
020-040	3.8	1.8	.8									6.3	4.8	4.0
050-070	2.1	1.2	.3									3.7	4.4	4.0
(E) 080-100	2.3	.8		.1								3.2	3.8	3.0
110-130	2.8	2.9	.3									6.0	5.1	5.0
140-160	3.1	5.7	1.7									10.4	6.2	5.5
(S) 170-190	3.9	7.3	4.7	1.0								17.0	7.8	8.0
200-220	2.6	5.1	2.6	.1								10.3	7.2	8.0
230-250	1.4	3.0	1.3									5.8	6.6	6.5
(W) 260-280	.4	3.0	.9	.1								4.4	7.5	8.0
290-310	1.8	3.1	1.1									6.0	6.5	6.5
320-340	3.2	4.6	1.9	.1	.1							9.9	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////	
TOTALS	31.5	43.7	16.5	1.5	.1							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	2.0	.2									7.3	3.7	3.0
020-040	5.3	1.7	.1	.1								7.2	3.7	3.0
050-070	3.3	1.1	.1									4.6	3.6	3.0
(E) 080-100	2.2	.9										3.1	3.4	3.0
110-130	3.3	1.9										5.2	3.9	4.0
140-160	7.6	3.3	.3									11.2	4.0	4.0
(S) 170-190	5.1	8.2	2.1	.1								15.6	6.0	6.0
200-220	4.6	2.2	.3									7.1	4.4	4.0
230-250	2.4	1.2	.1									3.8	3.9	3.0
(W) 260-280	.9	.8	.1									1.8	4.6	4.5
290-310	2.0	.4	.4									2.9	4.7	4.0
320-340	5.1	3.3	.6									9.0	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											21.2	////////////////////////////////	
TOTALS	46.9	27.0	4.3	.2								100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	1.4	.2									6.0	3.7	3.0
020-040	3.1	1.3	.1									4.6	3.9	3.0
050-070	2.2	.4										2.7	3.0	3.0
(E) 080-100	1.6	.3	.1									2.0	3.4	2.0
110-130	3.9	.9										4.8	3.3	3.0
140-160	7.3	1.0	.2									8.6	3.2	3.0
(S) 170-190	4.3	3.1	.3	.3								8.1	5.2	4.0
200-220	3.4	1.6	.1									5.1	3.7	3.0
230-250	2.4	.3	.1									2.9	3.4	3.0
(W) 260-280	.9	.6	.1									1.6	4.6	4.0
290-310	1.0	.2										1.2	2.9	2.0
320-340	1.6	.8	.3									2.7	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											49.9	////////////////////////////////	
TOTALS	36.0	11.9	1.5	.3								100.0	1.9	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.0	2.8	.6									7.4	4.8	4.0
020-040	3.8	1.7	.4	.0								5.8	4.3	4.0
050-070	2.4	.9	.1									3.3	3.8	3.0
(E) 080-100	1.9	.6	.1	.0								2.6	3.6	3.0
110-130	2.9	1.4	.2									4.4	4.2	4.0
140-160	4.8	3.0	.6									8.3	4.6	4.0
(S) 170-190	4.8	5.1	1.9	.3								12.1	6.0	5.0
200-220	4.1	3.8	1.3	.0								9.2	5.5	5.0
230-250	2.5	2.0	.6			.0						5.1	5.3	5.0
(W) 260-280	1.2	1.5	.4	.0	.0							3.1	5.9	6.0
290-310	1.5	1.5	.5	.0	.0							3.5	5.6	5.0
320-340	2.6	3.2	.8	.0	.0							6.6	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											28.3	////////////////////////////////	
TOTALS	36.5	27.5	7.5	.3								100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.6	6.1	.6									17.3	4.4	4.0
020-040	6.4	2.5	.6									9.5	3.9	4.0
050-070	5.0	2.5										7.5	3.8	4.0
(E) 080-100	3.4	1.4		.3								5.0	4.4	4.0
110-130	2.2	1.4										3.6	4.2	4.0
140-160	4.7	2.0	.6									7.3	4.1	3.5
(S) 170-190	3.1	2.8										5.9	4.5	4.0
200-220	3.1	2.0	.3									5.3	4.4	4.0
230-250	1.7	.3										2.0	2.7	2.0
(W) 260-280	1.4	.6										2.0	3.6	3.0
290-310	.6											.6	2.5	2.5
320-340	2.2	3.4	1.7		.3							7.5	7.3	6.0
VARIABLE														
CALM	////////////////////											26.5	////////	
TOTALS	44.4	25.0	3.8	.3	.3							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 358

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	.9										5.4	2.9	2.0
020-040	3.2	1.0										4.2	3.1	3.0
050-070	.9		.1									1.0	3.1	2.0
(E) 080-100	.6	.1										.8	2.9	3.0
110-130	1.6											1.6	2.3	2.0
140-160	4.4	1.2										5.6	3.4	3.0
(S) 170-190	7.1	2.3										9.4	3.3	3.0
200-220	5.7	.6										6.3	3.1	3.0
230-250	1.6	.2	.1									1.9	3.2	2.5
(W) 260-280	.5	.2										.8	3.6	3.0
290-310	.6	.6	.1									1.4	4.8	5.0
320-340	1.6	.8	.1									2.5	4.3	3.0
VARIABLE														
CALM	////////////////////////////////////											59.2	////////////////////////////////	
TOTALS	32.3	7.9	.4									100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 03-05

WIND SPEED IN KNOTS															
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010	5.8	1.2	.1									7.1	3.1	2.0	
020-040	2.7	.3	.2									3.2	3.7	3.0	
050-070	1.5											1.5	2.6	3.0	
(E) 080-100	.3	.1										.4	3.8	3.0	
110-130	1.5											1.5	1.9	2.0	
140-160	3.9	1.9										5.8	3.6	3.0	
(S) 170-190	6.8	1.1										7.8	3.0	3.0	
200-220	4.0	.5	.1									4.6	2.9	2.0	
230-250	1.1	.2										1.3	2.5	2.0	
(W) 260-280	.9	.2										1.1	3.5	3.0	
290-310	.6	.1	.1									.9	3.6	3.0	
320-340	2.3	1.2	.3		.1							3.9	5.0	4.0	
VARIABLE															
CALM	////////////////////////////////////												60.9	////////	
TOTALS	31.4	6.8	.8		.1							100.0	1.3	3.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.0	2.6	.2									8.8	3.9	3.0
020-040	4.2	.8										4.9	3.2	3.0
050-070	2.8	.3	.2									3.3	3.4	3.0
(E) 080-100	2.0	.1	.1									2.3	3.1	2.0
110-130	2.0	.5	.2									2.8	3.4	2.0
140-160	5.8	1.5	.3									7.6	3.8	3.0
(S) 170-190	6.5	4.5	.4									11.4	4.3	4.0
200-220	7.8	2.7	.1									10.6	3.7	3.0
230-250	3.4	1.3										4.7	3.8	4.0
(W) 260-280	.8	1.4										2.2	5.1	5.5
290-310	1.3	1.3	.1									2.7	4.9	5.0
320-340	2.5	3.0	.1									5.6	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											33.0	////////////////////////////////	
TOTALS	45.1	20.0	1.7									100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	3.9	.3									8.9	4.8	4.0
020-040	6.1	1.2										7.3	3.3	3.0
050-070	3.0	.8										3.8	3.3	3.0
(E) 080-100	3.0	.3	.1									3.4	3.2	3.0
110-130	3.1	1.7	.1									4.9	4.3	4.0
140-160	5.3	1.8	1.2									8.3	4.7	3.0
(S) 170-190	6.0	6.7	1.4									14.1	5.6	5.0
200-220	7.7	6.5	1.1									15.3	5.1	4.0
230-250	4.6	4.6	.6									9.9	5.3	5.0
(W) 260-280	2.3	4.2	.3									6.8	5.6	6.0
290-310	1.8	2.3	.9									4.9	6.3	6.0
320-340	3.0	3.1	.2									6.3	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////	
TOTALS	50.6	37.1	6.2									100.0	4.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	5.7	.6	.1	.1							10.2	5.9	6.0
020-040	4.4	2.2	.2									6.8	4.5	4.0
050-070	3.3	1.5										4.8	3.8	4.0
(E) 080-100	2.8	1.0	.1									3.9	4.0	3.5
110-130	2.5	1.2	.6									4.3	5.1	4.0
140-160	4.7	4.7	1.8									11.3	5.8	5.0
(S) 170-190	5.7	8.0	2.7									16.3	6.1	6.0
200-220	6.8	7.4	1.0	.1								15.3	5.2	5.0
230-250	2.6	5.6	.3									8.5	5.9	6.0
(W) 260-280	.8	2.3	.5									3.5	6.4	6.0
290-310	1.8	2.7	1.0	.2								5.7	6.7	6.0
320-340	2.7	3.4	.8									6.9	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////////////////////////////	
TOTALS	41.8	45.7	9.6	.4	.1							100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	6.1	.5					.1				9.5	6.0	6.0
020-040	6.9	3.0	.2	.2								10.3	4.3	4.0
050-070	3.9	1.5	.1									5.5	3.7	4.0
(E) 080-100	3.1	.8	.1									4.0	3.4	3.0
110-130	2.6	1.3	.6									4.5	4.8	4.0
140-160	4.4	4.4	2.0									10.9	6.0	5.0
(S) 170-190	6.3	9.0	3.8			.1						19.2	6.5	6.0
200-220	5.2	6.1	.4									11.7	5.3	5.0
230-250	2.4	3.1	.3									5.8	5.3	5.0
(W) 260-280	.6	2.2	.1									2.9	5.5	6.0
290-310	1.0	2.2	.4									3.5	6.2	6.0
320-340	1.7	3.7	1.2	.2								6.8	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////	
TOTALS	40.8	43.4	9.7	.4		.1		.1				100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NGV 89  
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.4	2.2	.1									7.6	3.9	3.0
020-040	8.0	.6	.1									8.7	2.8	2.0
050-070	3.0	.6	.1									3.8	3.4	3.0
(E) 080-100	2.8	.4										3.2	2.5	2.0
110-130	4.0	.4										4.4	3.0	3.0
140-160	8.4	5.4	.4									14.2	4.3	4.0
(S) 170-190	8.1	6.2	.5									14.8	4.7	4.0
200-220	4.2	1.3	.1									5.6	3.7	3.0
230-250	1.6	.4	.1									2.2	4.0	4.0
(W) 260-280	.6	.3										1.0	3.7	2.0
290-310	1.2	.1	.1									1.4	3.3	2.0
320-340	2.5	1.9										4.4	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////										28.7	////////////////////////////////		
TOTALS	49.8	19.8	1.5									100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	.9										4.9	3.1	2.0
020-040	3.1	.6										3.8	2.9	2.0
050-070	2.0	.3										2.4	2.5	2.0
(E) 080-100	.9	.2										1.1	3.2	2.0
110-130	2.6	.2										2.8	2.9	2.0
140-160	7.8	2.2										10.0	3.6	4.0
(S) 170-190	6.9	2.8	.1									9.8	3.8	3.0
200-220	3.7	1.2										4.8	3.4	3.0
230-250	1.7	.3										2.0	3.1	3.0
(W) 260-280	.2											.2	2.5	2.5
290-310	.5	.1										.6	4.5	4.0
320-340	1.6	.9		.1								2.6	4.5	3.0
VARIABLE														
CALM	////////////////////////////////////											54.9	////////////////////////////////	
TOTALS	35.1	9.7	.1	.1								100.0	1.5	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	2.9	.2	.0	.0			.0				7.8	4.4	4.0
020-040	4.8	1.2	.1	.0								6.2	3.5	3.0
050-070	2.6	.6	.1									3.3	3.4	3.0
(E) 080-100	1.9	.4	.1									2.4	3.3	3.0
110-130	2.5	.7	.2									3.4	3.8	3.0
140-160	5.6	2.9	.7									9.2	4.5	4.0
(S) 170-190	6.7	5.1	1.1				.0					12.9	5.0	4.0
200-220	5.6	3.3	.3	.0								9.3	4.4	4.0
230-250	2.4	2.0	.2									4.5	4.8	4.0
(W) 260-280	.8	1.3	.1									2.3	5.4	5.0
290-310	1.1	1.2	.3	.0								2.6	5.7	5.0
320-340	2.2	2.2	.3	.0	.0							4.9	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											31.3	////////	
TOTALS	40.8	23.8	3.7									100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		7.7	7.1	.9	.3				.3				16.2	5.7	5.0
020-040		3.1	.9		.3								4.3	4.4	3.0
050-070		2.3	.6	.3									3.1	3.8	3.0
(E) 080-100		2.0	.6										2.6	3.0	2.0
110-130		1.7	.3										2.0	3.0	3.0
140-160		6.0	.3										6.2	2.5	2.0
(S) 170-190		4.0	2.8	.3									7.1	4.5	4.0
200-220		2.0	.6	.3									2.8	4.4	3.0
230-250		.6		.6									1.1	7.0	7.0
(W) 260-280		.6											.6	2.0	2.0
290-310		.9	1.4	1.1									3.4	6.9	7.0
320-340		2.8	2.3	.6									5.7	5.1	4.5
VARIABLE															
CALM		////////////////////////////////////										44.9	////////////////////////////////		
TOTALS		33.7	16.9	4.1	.6				.3				100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 352

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2	1.4	.2									10.9	3.2	3.0
020-040	4.5	.2										4.7	2.8	2.5
050-070	1.0	.1										1.1	2.4	2.0
(E) 080-100	.8											.8	2.0	2.0
110-130	1.6	.1	.1									1.8	2.9	2.0
140-160	4.0	.6										4.6	2.7	2.0
(S) 170-190	6.1	1.8										8.0	3.7	3.0
200-220	3.4	1.2										4.6	3.4	3.0
230-250	.9	.6	.1									1.6	4.5	4.0
(W) 260-280	.9	.1										1.0	2.9	2.0
290-310	.5	.4										1.0	4.4	4.0
320-340	1.7	.9										2.6	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											57.4	////////////////////////////////	
TOTALS	34.6	7.4	.4									100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	9.0	2.2	.1									11.3	3.3	3.0
020-040	4.3	.5										4.8	3.0	3.0
050-070	1.4											1.4	2.2	2.0
(E) 080-100	.9	.1										1.0	2.7	2.0
110-130	1.6											1.8	2.1	2.0
140-160	4.9	.2	.1									5.3	2.5	2.0
(S) 170-190	6.7	1.0										7.6	2.8	2.0
200-220	2.7	.8	.1									3.5	3.5	3.0
230-250	1.5	.1	.2									1.8	3.9	3.0
(W) 260-280	.5	.2										.8	3.7	3.0
290-310	.8	.4										1.2	3.6	3.0
320-340	1.6	1.0										2.6	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											56.9	////////	
TOTALS	36.1	6.5	.5									100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: /24338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	3.9	.1									11.0	3.9	4.0
020-040	4.7	1.5										6.2	3.5	3.0
050-070	2.3	.2										2.5	2.5	2.0
(E) 080-100	2.6	.1										2.7	2.6	2.0
110-130	2.7	.5										3.2	2.8	2.0
140-160	5.5	1.1	.1									6.7	3.0	2.0
(S) 170-190	10.6	2.3	.3									13.2	3.5	3.0
200-220	5.8	1.0										6.8	3.1	3.0
230-250	2.6	1.3	.1									4.0	3.7	3.0
(W) 260-280	.5	.5	.1									1.2	4.7	5.0
290-310	1.2	.8	.1									2.0	4.8	4.0
320-340	2.0	1.7										3.8	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											36.8	////////////////////////////////	
TOTALS	47.5	14.9	.8									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAE: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	5.2	.4									9.4	5.3	5.0
020-040	5.4	3.0	.1									8.5	4.1	4.0
050-070	3.5	1.6	.1									5.3	4.1	3.0
(E) 080-100	2.9	1.6										4.5	4.0	4.0
110-130	2.9	1.6	.1									4.6	4.0	4.0
140-160	4.7	2.8	.1									7.6	4.0	3.0
(S) 170-190	7.3	5.9	1.1									14.3	5.1	4.0
200-220	8.1	7.1	.8	.1								16.0	4.9	4.0
230-250	4.5	3.3	.1									8.0	4.6	4.0
(W) 260-280	2.0	1.4	.6									4.1	5.7	4.5
290-310	1.3	2.6	.5	.1								4.5	6.2	6.0
320-340	2.9	2.5	.4									5.8	5.1	4.5
VARIABLE														
CALM	////////////////////////////////////											7.4	////////	
TOTALS	49.3	38.6	4.3	.2								100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	5.4	.5									10.4	5.2	5.0
020-040	5.1	4.6	.3									10.0	4.6	4.0
050-070	4.1	1.8	.2									6.1	4.4	4.0
(E) 080-100	2.9	1.1										4.0	3.5	4.0
110-130	3.8	2.5										6.2	4.2	4.0
140-160	5.2	4.0	1.0									10.1	5.2	4.0
(S) 170-190	5.3	6.2	1.8	.2								13.5	6.2	6.0
200-220	5.3	7.8	.6									13.8	5.2	5.0
230-250	2.7	3.7	.6									7.0	5.7	6.0
(W) 260-280	1.3	1.1	.5									2.9	5.7	5.0
290-310	1.7	3.1	.4	.1								5.4	6.0	6.0
320-340	2.4	4.4	1.0									7.7	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	44.3	45.7	6.9	.3								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	5.4	.4	.1								11.4	4.9	5.0
020-040	7.7	4.0										11.7	3.9	4.0
050-070	5.2	1.3	.1									6.6	3.5	3.0
(E) 080-100	4.0	1.0										4.9	3.7	3.0
110-130	3.0	2.8										5.8	4.5	4.0
140-160	6.9	6.9	.9	.2								14.8	5.2	5.0
(S) 170-190	4.4	5.8	1.5	.2								11.9	5.9	6.0
200-220	3.8	5.7	.4									9.9	5.4	5.0
230-250	2.0	1.2	.1									3.3	4.5	4.0
(W) 260-280	.6	.8										1.4	5.1	5.0
290-310	1.2	2.0	.6	.1								4.0	6.8	6.0
320-340	2.0	5.5	1.4	.2								9.1	6.4	6.0
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	46.3	42.4	5.4	.8								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	1.7	.2									9.9	3.4	2.0
020-040	8.6	1.5										10.1	3.0	2.0
050-070	4.3	.3										4.6	2.5	2.0
(E) 080-100	2.7	.5										3.2	2.9	2.0
110-130	5.6	.6										6.2	2.9	2.0
140-160	8.9	3.7										12.6	3.8	4.0
(S) 170-190	5.6	3.8	.5									9.9	4.6	4.0
200-220	2.6	.8	.2									3.5	3.8	3.0
230-250	1.0	.5	.1									1.6	4.1	4.0
(W) 260-280	.2	.1	.1	.1								.5	7.6	6.0
290-310	1.4	.5	.1									2.0	3.6	3.0
320-340	2.7	.8										3.4	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											32.3	////////	
TOTALS	51.6	14.8	1.2	.1								100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	1.8	.2	.1								10.2	3.5	3.0
020-040	4.7	.1										4.8	2.6	2.0
050-070	2.9	.1										3.0	2.7	2.0
(E) 080-100	2.0	.1										2.2	2.4	2.0
110-130	3.0	.4										3.4	2.4	2.0
140-160	7.5	1.2										8.7	3.1	3.0
(S) 170-190	4.4	2.4	.4									7.2	4.3	4.0
200-220	2.6	.9	.2									3.7	4.1	3.5
230-250	1.3	.4										1.7	3.1	2.0
(W) 260-280	.3	.2										.5	3.6	4.0
290-310	1.2	.3										1.5	2.9	2.0
320-340	1.4	.6		.1	.1							2.3	5.6	4.0
VARIABLE														
CALM	////////////////////////////////////											50.8	////////	
TOTALS	39.4	8.5	.8	.2	.1							100.0	1.7	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	6.9	3.4	.3	.0								10.6	4.1	4.0
020-040	5.6	1.9	.1								7.6	3.6	3.0	
050-070	3.1	.7	.1								3.8	3.4	3.0	
(E) 080-100	2.3	.6								2.9	3.3	3.0		
110-130	3.1	1.1	.0								4.2	3.5	3.0	
140-160	6.0	2.6	.3	.0								8.8	4.0	3.0
(S) 170-190	6.3	3.6	.7	.1								10.7	4.6	4.0
200-220	4.3	3.1	.3	.0								7.7	4.5	4.0
230-250	2.1	1.4	.2								3.6	4.6	4.0	
(W) 260-280	.8	.6	.2	.0								1.5	5.2	4.0
290-310	1.2	1.3	.2	.0								2.7	5.4	5.0
320-340	2.1	2.2	.3	.0	.0						4.7	5.3	5.0	
VARIABLE														
CALM	////////////////////////////////////											31.2	////////////////////////////////	
TOTALS	43.8	22.5	2.7	.1								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
												%	WIND	WIND
(N)	350-010	8.2	3.4	.2								11.8	3.8	4.0
	020-040	4.4	2.1									6.6	3.6	3.0
	050-070	5.3										5.3	2.2	2.0
(E)	080-100	4.4	.4									4.9	2.5	2.0
	110-130	4.2	.8									5.1	2.8	2.0
	140-160	4.9	2.7									7.6	3.7	3.0
(S)	170-190	7.4	.6	.2								8.2	2.9	2.0
	200-220	2.3	.6									3.0	3.1	3.0
	230-250	1.1	.6	.2								1.9	4.7	4.0
(W)	260-280		.6									.6	5.7	6.0
	290-310	1.7	2.1	.2								4.0	4.9	5.0
	320-340	1.9	3.4		.2	.2						5.7	5.9	5.0
VARIABLE														
CALM		////////////////////////////////////										35.3	////////	
TOTALS		45.8	17.3	.8	.2	.2						100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 473



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	2.3	.6	.1	.1							10.1	4.3	3.0
020-040	1.8	.9										2.7	3.8	2.5
050-070	.6	.3										.9	3.5	2.0
(E) 080-100	1.0											1.0	2.4	3.0
110-130	2.1	.6										2.7	3.1	2.5
140-160	7.7	2.1	.1									9.9	3.6	3.0
(S) 170-190	6.6	2.9	.3	.1								9.9	4.2	4.0
200-220	1.4	.8										2.2	4.0	3.5
230-250	1.3	.1										1.4	3.2	3.0
(W) 260-280	.7	.2										.9	3.8	4.0
290-310	1.2	.6	.3									2.1	5.2	4.0
320-340	4.4	2.7	.1									7.2	4.3	4.0
VARIABLE														
CALM	////////////////////											49.0	////////	
TOTALS	35.8	13.5	1.4	.2	.1							100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	50-64	GE 65			
(N) 350-010	7.1	2.6	.3	.1								10.1	3.9	3.0
020-040	1.9	.9										2.8	3.4	3.0
050-070	.9	.3										1.2	3.9	4.0
(E) 080-100	.7	.1										.8	2.9	2.0
110-130	3.9											3.9	2.3	2.0
140-160	7.2	1.8	.2									9.2	3.6	3.0
(S) 170-190	8.0	1.7	.3	.1								10.1	3.6	3.0
200-220	2.6	.7										3.2	3.3	2.0
230-250	.9	.1	.1									1.1	4.0	3.0
(W) 260-280	.6	.1	.2									.9	5.3	4.0
290-310	1.1	.6										1.7	3.6	4.0
320-340	5.0	2.9	.2									8.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											46.9	////////////////////////////////	
TOTALS	39.9	11.8	1.3	.2								100.0	2.0	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-2	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	3.6	.8									10.7	4.6	4.0
020-040	2.8	1.1										3.9	3.7	3.0
050-070	1.0	.7	.2									1.9	4.9	4.0
(E) 080-100	1.6											1.6	2.4	2.0
110-130	3.4	.4										3.9	2.7	2.0
140-160	7.6	2.4	.6									10.6	4.0	3.0
(S) 170-190	6.6	4.6	.4	.3								11.9	4.9	4.0
200-220	3.7	1.0	.1									4.8	3.7	3.0
230-250	1.4	1.1										2.6	4.3	4.0
(W) 260-280	.9	.4	.2	.1								1.7	5.9	4.0
290-310	.9	1.6	.4									2.9	6.2	6.0
320-340	5.0	3.2	.1									8.3	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											35.4	////////	
TOTALS	41.2	20.1	2.8	.4								100.0	2.8	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	6.4	.8									11.4	5.4	5.0
020-040	3.2	1.9	.1									5.2	4.2	4.0
050-070	2.0	1.8	.2									4.0	4.6	4.5
(E) 080-100	1.8	.4	.2									2.4	3.8	2.5
110-130	3.3	1.4	.2									5.0	4.1	3.0
140-160	6.0	4.1	1.2	.1								11.4	5.2	4.0
(S) 170-190	4.7	9.2	3.9	.4	.2	.1						18.6	7.4	7.0
200-220	3.3	5.6	1.3	.1								10.3	6.1	6.0
230-250	1.8	2.9	.8									5.4	5.8	5.0
(W) 260-280	1.0	2.3	.3	.3								4.0	7.1	7.0
290-310	1.3	2.9	1.0									5.2	6.4	6.0
320-340	3.1	4.4	1.1									8.7	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											8.2	////////	
TOTALS	35.7	43.3	11.1	.9	.2	.1						100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	6.6	.7									11.0	5.4	5.0
020-040	3.0	1.7	.4									5.1	4.4	4.0
050-070	1.4	1.1	.3									2.9	5.5	4.5
(E) 080-100	1.4	.9	.2									2.6	4.9	4.0
110-130	3.0	1.3	.6									4.9	4.9	4.0
140-160	3.8	7.3	2.8	.2								14.1	6.8	6.0
(S) 170-190	4.1	7.9	5.9	1.2	.2							19.3	8.2	8.0
200-220	2.9	4.3	2.1									9.3	6.6	6.0
230-250	1.4	2.4	1.1									5.0	6.6	6.0
(W) 260-280	1.8	2.9	1.2	.1								6.0	6.8	6.0
290-310	1.7	3.2	2.1									7.0	7.0	6.0
320-340	2.0	4.2	2.3									8.6	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	30.3	43.8	19.7	1.5	.2							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.6	3.9	.7									10.1	5.0	4.0
020-040	2.6	2.0										4.6	4.4	4.0
050-070	1.7	1.6	.2									3.4	4.7	5.0
(E) 080-100	1.9	2.1										4.0	4.5	5.0
110-130	1.9	1.7	.1									3.7	4.9	4.0
140-160	6.0	6.8	3.6	.3	.1							16.8	6.7	6.0
(S) 170-190	3.7	7.9	5.4	.3	.1							17.4	7.9	8.0
200-220	3.3	3.4	1.4									8.2	5.8	5.0
230-250	1.8	.9	.3									3.0	4.9	4.0
(W) 260-280	.8	1.7	.6	.1	.1		.1					3.3	8.3	7.5
290-310	1.9	2.6	2.1	.6								7.1	7.7	8.0
320-340	4.0	6.1	1.4									11.6	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											6.8	////////	
TOTALS	35.2	40.7	15.8	1.3	.3		.1					100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	3.3			.1							7.9	4.4	4.0
020-040	3.8	.2	.1									4.1	2.7	2.0
050-070	2.9	.4										3.3	2.9	3.0
(E) 080-100	2.2	.1										2.3	2.5	2.0
110-130	5.0	1.2										6.2	3.2	3.0
140-160	10.8	4.0	.8									15.6	4.0	4.0
(S) 170-190	3.2	6.1	1.0	.1								10.4	5.9	6.0
200-220	1.9	.3										2.2	3.1	2.0
230-250	.7	.6										1.2	4.3	4.0
(W) 260-280	.9			.1								1.0	4.4	3.0
290-310	2.3	.9	1.3									4.6	5.9	4.0
320-340	3.9	2.9	1.1		.1							8.0	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											33.1	////////////////////////////////	
TOTALS	42.0	20.0	4.3	.2	.2							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	2.0	.6									7.6	4.5	4.0
020-040	3.4	.6										4.0	2.9	2.0
050-070	.8	.1										.9	2.8	2.5
(E) 080-100	1.0	.3	.1									1.4	4.4	4.0
110-130	3.7	.8										4.4	3.0	2.0
140-160	8.6	3.1	.2									11.9	3.8	4.0
(S) 170-190	4.7	3.9	1.0									9.6	5.2	5.0
200-220	1.2	.6	.1									1.9	4.3	4.0
230-250	1.0	.4	.1									1.6	4.4	3.5
(W) 260-280	.3	.2	.1									.7	5.7	4.5
290-310	1.1	1.0	.1									2.2	4.9	4.5
320-340	3.2	2.8	.6									6.6	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											47		
TOTALS	34.0	15.8	2.9									100		4.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS																
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN		
(DEGREES)												%	WIND	WIND		
(N) 350-010	5.4	3.8	.5	.0	.0							9.9	4.7	4.0		
020-040	2.8	1.2	.1							4.0	3.7	3.0				
050-070	1.4	.8	.1							2.3	4.3	4.0				
(E) 080-100	1.4	.5	.1							2.0	3.8	3.0				
110-130	3.3	.9	.1							4.3	3.6	3.0				
140-160	7.2	4.0	1.2	.1	.0							12.4	4.9	4.0		
(S) 170-190	5.2	5.5	2.3	.3	.1	.0							13.4	6.3	6.0	
200-220	2.5	2.1	.6	.0							5.3	5.3	5.0			
230-250	1.3	1.1	.3							2.7	5.2	5.0				
(W) 260-280	.9	1.0	.3	.1	.0	.0								2.3	6.7	6.0
290-310	1.4	1.7	.9	.1							4.1	6.4	6.0			
320-340	3.8	3.7	.9	.0								8.4	5.4	5.0		
VARIABLE																
CALM	////////////////////////////////////											28.9	////////////////////////////////			
TOTALS	36.6	26.3	7.4	.6	.1							100.0	3.7	4.0		

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	9.5	2.3									14.1	6.9	7.0
020-040	1.0	1.3										2.3	4.9	5.0
050-070	2.0	.8										2.8	4.0	4.0
(E) 080-100	.5	.5										1.0	4.5	4.5
110-130	3.1	1.5										4.6	3.8	3.5
140-160	9.5	3.3	2.3									15.1	5.0	4.0
(S) 170-190	6.6	2.8			.3							9.7	4.5	3.5
200-220	4.3	1.8										6.1	3.7	3.0
230-250	1.3	1.0	.3									2.6	5.1	4.5
(W) 26-280	.3	.8	.3	.5			.3					2.0	12.1	9.0
290-310	.5	1.8	1.5	.3								4.1	8.7	7.5
320-340	4.6	7.9	2.6									15.1	6.6	6.0
VARIABLE														
CALM	////////////////////											20.5	////////	
TOTALS	36.0	33.0	9.3	.8	.3		.3					100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 391

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	3.8	.4	.1								9.9	4.7	4.0
020-040	1.6	1.6	.1									3.3	5.1	5.0
050-070	1.2	.6	.1									1.9	4.3	3.5
(E) 080-100	1.0	.1										1.1	3.0	3.0
110-130	1.6	.4	.1									2.2	4.1	4.0
140-160	4.5	1.9	.1	.2								6.8	4.5	3.0
(S) 170-190	5.9	3.8	.6									10.3	4.6	4.0
200-220	4.1	1.3	.4									5.8	4.2	4.0
230-250	1.4	.9	.3									2.6	5.0	4.0
(W) 260-280	.4	1.4	.8	.2								2.8	7.9	7.0
290-310	2.3	2.4	.3									4.9	5.1	5.0
320-340	3.2	2.2	.4	.1								5.9	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											42.5	////////////////////////////////	
TOTALS	32.8	20.4	3.6	.6								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	3.8	1.0									10.6	4.7	4.0
020-040	2.4	1.0										3.3	3.8	4.0
050-070	1.3	.9										2.2	3.6	4.0
(E) 080-100	1.1	.5										1.6	3.9	4.0
110-130	2.4	.5										2.9	3.1	2.0
140-160	3.4	3.3	.3									7.1	4.6	5.0
(S) 170-190	4.0	3.2	.4									7.6	4.6	4.0
200-220	3.1	1.1										4.2	3.4	3.0
230-250	2.2	.3	.2									2.7	3.6	3.0
(W) 260-280	1.2	1.9	.8	.1								4.0	6.6	6.0
290-310	1.9	2.5	.6	.1								5.2	6.1	5.0
320-340	3.4	1.5	.9									5.8	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											42.8	////////	
TOTALS	32.3	20.5	4.2	.2								100.0	2.7	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	4.1	.5									10.3	4.6	4.0
020-040	2.7	1.2										3.9	3.7	4.0
050-070	2.0	.4										2.5	3.4	3.0
(E) 080-100	2.6	.4										3.0	3.1	3.0
110-130	2.7	.9	.1									3.7	3.5	3.0
140-160	5.5	3.0	.6									9.1	4.6	4.0
(S) 170-190	4.6	3.2	1.0									8.8	5.2	4.0
200-220	3.2	1.4										4.6	3.6	3.0
230-250	3.2	1.1	.1									4.4	3.5	3.0
(W) 260-280	1.6	1.3	1.1	.3								4.3	6.8	5.0
290-310	1.3	2.4	1.2	.1								4.9	7.0	6.0
320-340	2.5	3.1	1.3	.3								7.2	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											33.2	////////	
TOTALS	37.6	22.5	5.9	.7								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	5.2	.8									8.2	5.8	6.0
020-040	2.8	2.6	.2									5.6	4.7	4.5
050-070	3.2	1.2	.3			.1						4.8	4.6	3.0
(E) 080-100	2.2	2.0										4.2	4.8	4.0
110-130	2.9	2.2	.1									5.2	4.6	4.0
140-160	3.5	4.9	2.0	.4	.1							11.1	6.7	6.0
(S) 170-190	4.1	8.2	4.4	.6								17.3	7.3	7.0
200-220	2.9	4.0	1.1	.2								8.2	6.2	6.0
230-250	1.9	3.4	1.3	.1								6.8	6.5	6.0
(W) 260-280	1.0	3.3	1.2	.1	.1							5.7	7.6	7.0
290-310	1.6	3.7	2.8	.8								8.8	8.6	8.5
320-340	1.9	4.7	1.7	.5								8.9	7.4	7.0
VARIABLE														
CALM	////////////////////											5.3	////////	
TOTALS	30.3	45.4	15.9	2.7	.2	.1						100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	3.7	1.3									6.5	6.7	6.0
020-040	1.7	1.6		.1								3.4	5.0	4.5
050-070	3.2	2.0	.3									5.6	4.5	4.0
(E) 080-100	2.4	1.3	.1									3.8	4.3	4.0
110-130	1.5	1.3	.3									3.1	5.3	5.0
140-160	2.3	6.0	3.9	.3								13.0	7.9	8.0
(S) 170-190	2.6	7.8	6.1	1.3	.2							18.1	8.7	9.0
200-220	2.8	2.8	2.6	.3								8.5	7.3	8.0
230-250	1.6	3.1	1.6									6.3	6.6	6.0
(W) 260-280	1.1	2.8	1.9	.6								6.5	8.6	8.0
290-310	2.0	4.1	4.7	.8	.1							11.7	8.8	9.0
320-340	2.9	4.8	1.7	.4	.1							10.0	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////////////////////////////	
TOTALS	26.1	41.3	24.5	3.8	.4							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.6	1.6	.2								10.4	6.1	5.0
020-040	2.3	1.6	.3									4.2	4.6	4.0
050-070	2.6	1.3	.1									4.0	4.2	4.0
(E) 080-100	1.3	.5										1.8	4.0	4.0
110-130	3.2	2.4										5.6	4.2	4.0
140-160	3.4	9.7	2.9	.4								16.5	7.2	7.0
(S) 170-190	2.8	7.7	4.7	.9	.1							16.2	8.3	8.0
200-220	2.4	2.0	1.3									5.7	5.9	6.0
230-250	2.7	1.9	.2									4.8	4.9	4.0
(W) 260-280	1.4	2.3	1.7									5.4	7.6	8.0
290-310	2.0	2.9	3.3	.6	.1							9.0	8.4	8.0
320-340	3.2	5.1	1.9	.1								10.3	6.3	5.5
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	31.3	42.0	18.0	2.2	.2							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	2.9	.4									7.4	4.7	4.0
020-040	3.5	1.8	.2									5.6	4.2	3.0
050-070	2.7	.2										2.9	2.6	2.0
(E) 080-100	1.5	.3	.1									1.9	3.9	4.0
110-130	4.1	1.1	.1									5.3	3.6	3.0
140-160	7.6	4.9	.9	.1								13.5	4.8	4.0
(S) 170-190	4.1	5.9	1.2	.6								11.8	6.3	6.0
200-220	1.1	1.3										2.4	4.8	5.0
230-250	1.0	.9	.1									1.9	5.2	4.5
(W) 260-280	.9	1.1	.1									2.0	5.6	6.0
290-310	3.1	1.9	.9	.1								6.0	5.5	4.0
320-340	3.5	1.5	.2									5.3	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											33.9	////////	
TOTALS	37.2	23.8	4.2	.8								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.3	2.8	.9	.1								10.1	4.7	4.0
020-040	1.6	1.9	.1									3.7	5.2	5.0
050-070	1.2	.2	.1									1.5	3.7	3.5
(E) 080-100	1.4	.2										1.6	3.2	3.0
110-130	4.0	.4										4.4	2.9	2.0
140-160	6.5	3.1	.6									10.2	4.3	4.0
(S) 170-190	4.1	4.8	.8	.4	.1	.1						10.3	6.1	5.5
200-220	2.2	2.0	.3	.1								4.6	5.0	5.0
230-250	.5	.4										1.0	4.8	4.0
(W) 260-280	.5	.8	.9	.1								2.3	8.0	9.0
290-310	2.4	1.3	1.0	.1								4.7	6.0	4.5
320-340	2.8	2.3	.2	.3								5.6	5.2	4.5
VARIABLE														
CALM	////////////////////////////////////											40.0	////////	
TOTALS	33.5	20.2	4.9	1.1	.1	.1						100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.4	3.8	.9	.1								9.2	5.2	5.0
020-040	2.3	1.7	.1	.0								4.1	4.5	4.0
050-070	2.2	.9	.1				.0					3.2	4.0	3.0
(E) 080-100	1.7	.7	.0								2.4	4.0	7	
110-130	2.8	1.1	.1								4.0	3.9	.0	
140-160	4.7	4.6	1.4	.2	.0							10.9	5.8	5.0
(S) 170-190	4.0	5.6	2.4	.5	.1	.0						12.6	6.8	6.0
200-220	2.7	2.0	.7	.1							5.5	5.4	5.0	
230-250	1.8	1.5	.5	.0							3.8	5.3	5.0	
(W) 260-280	1.0	1.9	1.0	.2	.0						4.1	7.5	7.0	
290-310	2.1	2.6	1.9	.3	.0						6.9	7.4	7.0	
320-340	2.9	3.1	1.0	.2	.0						7.4	6.1	5.0	
VARIABLE														
CALM	////////////////////////////////////											25.9	////////	
TOTALS	32.6	29.5	10.1	1.6	.1							100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	6.0	1.8									12.3	6.0	5.0
020-040	3.0	3.5	.1									6.7	4.9	5.0
050-070	3.7	2.3										6.1	4.1	4.0
(E) 080-100	3.5	1.5	.1									5.1	4.0	4.0
110-130	3.5	3.2	.7									7.4	5.3	5.0
140-160	4.7	7.7	3.0									15.4	6.5	6.0
(S) 170-190	3.9	5.4	1.6									10.9	6.0	6.0
200-220	1.5	1.3	.1									2.9	4.9	4.0
230-250	1.9	1.2										3.0	4.2	4.0
(W) 260-280	.6	1.2	.8									2.6	7.2	6.0
290-310	1.6	3.5	1.8									6.9	6.7	6.0
320-340	3.2	2.5	1.4	.2								7.3	6.2	5.0
VARIABLE														
CALM	////////////////////											13.5	////////	
TOTALS	35.7	39.3	11.4	.2								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.0	1.1									9.2	5.6	5.0
020-040	2.0	1.9	.1									4.0	4.9	4.5
050-070	1.7	.8										2.4	3.7	3.5
(E) 080-100	2.2	.8										3.0	3.1	2.0
110-130	1.8	1.4										3.2	4.1	3.0
140-160	4.8	2.2	1.2									8.2	5.0	4.0
(S) 170-190	4.4	6.1	2.4	.4	.1							13.6	6.6	6.0
200-220	3.4	1.9	.6	.1								6.0	5.0	4.0
230-250	2.1	.9	.6	.2								3.8	5.8	4.0
(W) 260-280	.8	1.6	.7	.3								3.3	7.5	7.5
290-310	1.6	2.8	2.6	.7	.3							7.9	9.0	8.0
320-340	2.2	3.8	2.2	.1								8.3	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											27.0	////////////////////////////////	
TOTALS	31.1	28.2	11.5	1.8	.4							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	4.0	1.6	.1								10.0	5.7	6.0
020-040	2.6	2.2	.2									5.0	4.4	4.0
050-070	1.9	.9	.2									3.0	3.7	3.0
(E) 080-100	2.2	.4	.1									2.8	3.9	4.0
110-130	2.6	.6										3.1	3.1	3.0
140-160	5.1	2.4	.6	.2								8.3	4.8	4.0
(S) 170-190	5.0	5.2	1.7	.3								12.2	5.8	5.0
200-220	3.3	1.6	.4	.1								5.4	4.5	4.0
230-250	2.0	1.3	.8	.1								4.2	6.0	5.0
(W) 260-280	.9	.4	.8	.2								2.3	8.4	8.0
290-310	2.3	3.9	2.2	1.1								9.6	8.1	8.0
320-340	2.6	3.8	1.8	.2								8.3	6.7	6.0
VARIABLE														
CALM	////////////////////											25.7	////////	
TOTALS	34.8	26.7	10.4	2.3								100.0	4.2	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.9	1.2	.2								8.9	5.9	5.0
020-040	1.8	2.0	.1									3.9	5.1	5.0
050-070	1.9	.6	.2									2.7	4.3	4.0
(E) 080-100	1.4	.8	.4									2.7	5.2	4.0
110-130	3.6	1.2	.6	.1								5.4	4.9	4.0
140-160	4.3	3.2	1.1	.1								8.8	5.5	5.0
(S) 170-190	5.0	4.6	3.2									12.8	6.2	5.0
200-220	4.2	1.6	.2	.1								6.1	4.4	4.0
230-250	1.8	1.8	.9									4.4	6.1	6.0
(W) 260-280	1.3	2.1	1.2	.2	.2							5.1	8.0	7.0
290-310	1.2	3.2	1.8	.6								6.8	8.4	9.0
320-340	2.0	4.3	2.0	.2								8.6	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											23.9	////////	
TOTALS	32.1	29.3	12.9	1.5	.2							100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.0	1.4	.1								7.2	6.7	7.0
020-040	1.4	2.7	.6									4.7	5.9	5.0
050-070	1.1	1.4	.2									2.8	5.7	6.0
(E) 080-100	.7	1.4	.7									2.8	6.7	6.0
110-130	1.6	3.2	.6									5.3	6.0	5.0
140-160	2.1	5.7	1.7	.7	.1							10.2	7.7	7.0
(S) 170-190	4.6	8.3	5.7	1.0								19.6	7.9	8.0
200-220	3.0	5.0	1.7	.1	.2							10.0	6.8	6.0
230-250	1.2	3.0	2.0	.2								6.4	7.7	7.0
(W) 260-280	.3	2.3	2.4	.4								5.6	9.6	10.0
290-310	1.7	2.9	4.4	1.6								10.6	9.7	10.0
320-340	.6	5.0	3.2	.3								9.1	8.9	8.5
VARIABLE														
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	21.0	43.9	24.6	4.4	.3							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.3	1.6									7.8	6.7	6.0
020-040	2.1	2.1	.8									5.0	6.0	5.0
050-070	1.2	1.3	.2									2.8	5.6	5.0
(E) 080-100	1.6	1.0	.3	.2								3.1	6.2	4.5
110-130	1.1	1.8	.7									3.6	6.5	6.0
140-160	1.1	5.4	4.0	.8	.2							11.6	9.2	9.0
(S) 170-190	1.7	8.1	7.2	1.9	.6							19.4	9.9	9.0
200-220	2.6	3.4	3.0	.6								9.6	7.6	7.0
230-250	1.1	2.6	2.2	.2	.2							6.3	9.0	9.0
(W) 260-280	.7	3.0	2.8	.9	.2							7.6	10.1	10.0
290-310	1.1	3.9	4.4	1.2	.6							11.2	10.3	10.0
320-340	.8	4.3	3.4	.6	.1							9.2	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	17.0	41.2	30.6	6.4	1.9							100.0	8.4	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.7	.9									8.0	5.9	6.0
020-040	3.0	2.4	.4									5.9	5.1	4.0
050-070	1.6	1.4	.2									3.2	4.8	5.0
(E) 080-100	2.1	.3		.1								2.6	4.0	4.0
110-130	3.3	1.8	.8									5.9	5.3	4.0
140-160	3.1	6.2	4.3	1.1	.2							15.0	8.4	8.0
(S) 170-190	3.3	5.9	5.4	1.2	.1	.1						16.1	8.5	8.0
200-220	2.1	1.8	1.4		.1							5.4	6.5	6.0
230-250	1.9	2.0	1.1	.1	.1							5.2	7.2	7.0
(W) 260-280	1.0	1.8	3.1	.7	.2							6.8	9.9	11.0
290-310	2.0	3.9	4.7	1.1	.1							11.8	9.4	9.5
320-340	1.9	4.1	1.9	.7	.2							8.8	8.0	7.0
VARIABLE														
CALM	////////////////////////////////////											5.3	////////////////////////////////	
TOTALS	27.7	36.3	24.2	5.0	1.0	.1						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	3.0	1.2	.1								8.7	5.4	4.5
020-040	3.3	1.6	.2									5.1	4.0	3.0
050-070	1.7	.9	.3									2.9	4.9	4.0
(E) 080-100	1.2	.7	.3									2.2	4.8	4.0
110-130	4.0	2.6	.8									7.4	4.7	4.0
140-160	4.9	6.6	2.2		.1							13.8	6.2	6.0
(S) 170-190	3.3	5.7	3.3	.6	.3							13.3	7.8	7.0
200-220	2.3	2.1	.3									4.8	5.0	5.0
230-250	1.1	1.9	.4	.1								3.6	6.0	5.0
(W) 260-280	.6	1.0	1.3	.8	.2	.1						4.0	11.1	10.0
290-310	2.7	2.7	2.0	.8	.1							8.2	7.8	6.0
320-340	2.2	3.3	1.7	.9								8.1	7.8	7.0
VARIABLE														
CALM	////////////////////											17.8	////////	
TOTALS	31.6	32.1	14.0	3.3	.7	.1						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	3.6	1.6	.1								10.5	5.2	4.5
020-040	2.1	1.4	.2									3.8	4.9	3.5
050-070	1.7	.4										2.1	3.4	3.0
(E) 080-100	1.2	1.0										2.2	4.1	4.0
110-130	3.5	1.3	.4	.1								5.4	4.6	4.0
140-160	3.8	4.0	1.8	.2		.1						9.9	6.5	6.0
(S) 170-190	5.2	6.9	2.2	.4				.1				14.9	6.6	6.0
200-220	2.7	2.1	.2									5.0	4.8	4.0
230-250	2.7	1.4	.7	.2								5.0	6.0	4.0
(W) 260-280	.7	.9	1.3	.6	.1							3.6	9.7	10.0
290-310	2.1	2.0	2.2	1.2								7.6	8.6	9.0
320-340	2.3	3.0	2.0	.8								8.1	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											21.9	////////////////////////////////	
TOTALS	33.2	28.0	12.6	3.6	.1	.1		.1				100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.8	1.3	.1								8.8	5.8	5.0
020-040	2.3	2.0	.3									4.7	5.0	5.0
050-070	1.6	1.0	.2									2.7	4.6	4.0
(E) 080-100	1.6	.8	.2	.0								2.7	4.8	4.0
110-130	2.7	1.7	.5	.0								4.9	5.0	4.0
140-160	3.7	4.5	2.1	.4	.1	.0						10.7	6.9	6.0
(S) 170-190	4.1	6.4	3.9	.7	.1	.0		.0				15.2	7.6	7.0
200-220	3.0	2.4	1.0	.1	.0							6.5	5.8	5.0
230-250	1.7	1.9	1.1	.2	.0							4.9	6.9	6.0
(W) 260-280	.8	1.6	1.7	.5	.1	.0						4.8	9.4	9.0
290-310	1.8	3.2	3.0	1.0	.1							9.2	9.0	9.0
320-340	1.8	4.0	2.3	.5	.0							8.6	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											16.3	////////////////////////////////	
TOTALS	28.7	33.3	17.6	3.5	.4							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 7194

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	9.7	2.9	.3								17.0	6.8	6.0
020-040	4.2	5.8	.8									10.8	5.6	5.0
050-070	3.0	2.8	.1									5.9	4.6	4.0
(E) 080-100	2.0	1.8	1.1	.3								5.2	6.8	6.0
110-130	2.4	2.6	1.4									6.4	6.2	6.0
140-160	1.3	3.7	3.3	.7	.1							9.1	9.3	9.0
(S) 170-190	1.4	3.6	3.1	.7								8.8	8.7	8.0
200-220	1.7	1.3	.3									3.2	5.0	4.0
230-250	1.0	1.8	.6									3.5	6.5	6.0
(W) 260-280	.3	.8	1.7	.2								2.9	9.7	10.0
290-310	1.3	3.7	3.0	.8	.2							9.0	9.1	8.5
320-340	1.0	5.9	3.7	1.7	.1							12.3	9.2	8.0
VARIABLE														
CALM	////////////////////											5.9	////////	
TOTALS	23.7	43.5	22.0	4.7	.4							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1150

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	6.0	1.9									11.9	6.1	6.0
020-040	2.2	1.1	.1									3.3	4.3	4.0
050-070	1.1	.4										1.5	3.8	3.0
(E) 080-100	1.1	.6	.1									1.8	4.1	4.0
110-130	1.6	1.3	.4									3.3	5.4	5.0
140-160	3.2	4.0	.4	.1								7.7	5.4	5.0
(S) 170-190	6.8	5.8	2.7	.5								15.8	6.1	6.0
200-220	3.1	2.6	1.3									7.0	5.9	5.0
230-250	1.6	1.3	.8									3.7	5.7	5.0
(W) 260-280	.5	1.6	1.7	.4	.1							4.4	9.6	10.0
290-310	1.4	3.1	3.8	.8	.4							9.5	9.5	10.0
320-340	2.8	3.5	3.2	.3								9.9	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											20.1	////////	
TOTALS	29.4	31.3	16.4	2.1	.5							100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	4.7	1.6	.1								11.8	5.7	5.0
020-040	1.4	1.1	.1									2.6	4.3	4.0
050-070	1.1	.6	.1									1.8	4.6	4.0
(E) 080-100	.8	.5	.1									1.4	4.6	4.0
110-130	2.4	1.9	.6									4.9	5.3	5.0
140-160	2.3	3.2	1.1	.1								6.7	6.4	6.0
(S) 170-190	5.6	5.7	2.2	.4	.2							14.1	6.6	6.0
200-220	3.2	2.3	1.1	.2								6.8	5.8	5.0
230-250	2.0	1.5	.9		.2	.1						4.7	7.1	5.0
(W) 260-280	1.3	1.8	1.1									4.2	7.1	7.0
290-310	1.3	4.1	2.2	1.2	.1							8.8	9.2	8.0
320-340	3.0	4.5	3.0	1.1								11.6	8.0	7.5
VARIABLE														
CALM	////////////////////////////////////											20.5	////////	
TOTALS	29.8	31.9	14.1	3.1	.5	.1						100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	5.7	.6	.1								9.6	5.9	6.0
020-040	1.9	.6										2.6	3.5	3.0
050-070	1.9	1.2										3.1	4.4	4.0
(E) 080-100	.9	.4	.2									1.5	4.9	4.0
110-130	1.3	1.7	.9									3.9	6.6	6.0
140-160	2.7	3.9	.6	.2								7.4	5.8	6.0
(S) 170-190	3.7	8.3	2.6	.6	.4							15.6	7.4	7.0
200-220	3.5	3.1	.5	.2								7.4	5.3	5.0
230-250	1.8	.8	1.2	.1	.2							4.1	7.5	5.0
(W) 260-280	.4	1.8	1.2		.1							3.5	8.6	8.0
290-310	2.3	3.9	3.0	1.4	.2							10.8	8.8	8.0
320-340	3.3	4.5	3.0	1.1								11.9	7.6	7.0
VARIABLE														
CALM	////////////////////											18.6	////////	
TOTALS	26.8	35.9	13.8	3.7	.9							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.9	1.8	.1								7.5	6.9	7.0
020-040	2.2	2.8	.3									5.3	5.2	5.0
050-070	1.1	1.0	.1									2.2	4.6	4.5
(E) 080-100	1.9	.6	.1	.1								2.8	4.4	4.0
110-130	1.9	1.9	1.0									4.8	6.0	6.0
140-160	1.7	4.3	1.9	.2	.2							8.4	7.5	7.0
(S) 170-190	3.8	8.3	5.2	.5		.1						17.8	7.9	8.0
200-220	1.9	6.1	1.2	.3								9.6	7.0	7.0
230-250	1.7	1.7	1.4									4.8	7.0	7.0
(W) 260-280	.5	1.4	2.5	1.3	.5							6.2	11.7	12.0
290-310	1.0	3.9	5.9	1.5	.5							12.8	10.4	10.0
320-340	1.5	6.2	3.5	.9								12.2	8.5	8.0
VARIABLE														
CALM	////////////////////											5.6	////////	
TOTALS	20.9	42.1	24.9	4.9	1.2	.1						100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	5.4	1.5									8.5	7.0	7.0
020-040	1.9	2.3	.3									4.5	5.5	5.0
050-070	.8	1.3										2.0	5.1	5.0
(E) 080-100	1.1	.8	.1									1.9	4.8	4.0
110-130	1.7	2.2	1.5									5.4	6.4	6.0
140-160	2.4	4.1	2.7	.5								9.7	7.8	8.0
(S) 170-190	2.7	8.4	5.7	1.0	.1							17.8	8.4	8.0
200-220	3.2	3.5	2.4	.3	.1							9.6	6.9	6.0
230-250	1.6	1.4	1.5	.5								5.1	7.9	8.0
(W) 260-280	.5	1.2	2.6	.9	.4							5.6	11.1	10.5
290-310	.5	4.5	6.3	1.6	.9							13.9	11.4	11.0
320-340	2.0	5.2	4.5	1.0	.1							12.8	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	20.0	40.3	29.1	5.8	1.6							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.7	1.3									8.8	6.2	6.0
020-040	2.2	1.6	.2									4.0	4.9	4.0
050-070	1.4	.8	.5									2.7	5.2	4.0
(E) 080-100	1.2	.9	.4									2.5	5.4	5.0
110-130	2.4	3.0	1.4									6.8	6.2	5.0
140-160	3.2	8.1	2.5	.6								14.4	7.1	7.0
(S) 170-190	2.7	6.0	4.2	.6								13.5	7.9	8.0
200-220	1.5	1.7	1.3	.1								4.6	7.3	7.0
230-250	.9	1.2	1.6	.1	.1							3.9	8.3	8.5
(W) 260-280	1.0	1.6	1.6	.6	.1							4.9	9.2	8.5
290-310	1.5	4.0	5.7	1.7	.1							13.0	9.8	10.0
320-340	4.0	5.2	3.7	.6	.1							13.5	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	24.8	38.8	24.4	4.3	.4							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.7	4.9	.5	.1								10.3	5.4	5.0
020-040	1.8	.6										2.5	3.6	3.0
050-070	1.3	.9	.5									2.7	5.5	5.0
(E) 080-100	1.9	.6	.3									2.9	4.7	4.0
110-130	2.6	3.1	.5									6.2	5.5	5.0
140-160	5.6	4.0	1.9	1.0								12.5	6.5	5.5
(S) 170-190	1.8	4.6	4.4	.3								11.2	8.5	8.0
200-220	1.3	1.2	1.1									3.5	6.7	6.0
230-250	1.2	.5	.9	.2	.1							2.9	7.7	6.0
(W) 260-280	1.3	1.0	1.6	.3								4.2	8.1	8.0
290-310	1.9	4.7	3.3	.5	.3							10.9	8.5	8.0
320-340	2.9	5.2	2.5	.8								11.3	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											18.9	////////	
TOTALS	28.3	31.3	17.5	3.2	.4							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	4.8	1.6									11.0	5.8	5.0
020-040	1.9	1.0										2.9	4.2	4.0
050-070	1.0	.4	.4									1.8	5.3	4.0
(E) 080-100	1.1	1.1	.1									2.3	4.9	5.0
110-130	2.7	1.6	.3									4.6	4.7	4.0
140-160	3.3	4.5	1.6	.5	.2							10.2	6.8	6.0
(S) 170-190	3.5	5.7	3.5	.3	.1							13.2	7.5	8.0
200-220	1.7	2.5	1.0									5.2	6.3	6.0
230-250	.9	1.7	.3	.2								3.1	6.7	6.0
(W) 260-280	.8	.6	1.9	.3	.2							3.9	9.9	10.0
290-310	2.3	2.9	3.4	.8	.4							9.8	9.0	8.0
320-340	2.4	5.5	3.4	.4								11.7	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											20.3	////////	
TOTALS	26.1	32.3	17.5	2.5	.9							100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	5.0	1.4	.1								9.9	6.1	6.0
020-040	1.9	1.4	.1									3.5	4.6	4.0
050-070	1.2	.8	.2									2.2	4.9	4.0
(E) 080-100	1.2	.7	.2	.0								2.1	4.7	4.0
110-130	2.1	2.1	.8									5.0	5.8	5.0
140-160	3.1	4.5	1.6	.4	.1							9.6	6.7	6.0
(S) 170-190	3.8	6.6	3.8	.6	.1	.0						14.9	7.5	7.0
200-220	2.4	2.9	1.2	.1	.0							6.7	6.4	6.0
230-250	1.5	1.3	1.1	.1	.1	.0						4.0	7.3	6.0
(W) 260-280	.8	1.4	1.8	.5	.2							4.6	9.6	10.0
290-310	1.5	3.9	4.2	1.2	.4							11.2	9.7	10.0
320-340	2.7	5.0	3.4	.8	.0							11.9	8.0	8.0
VARIABLE														
CALM	////////////////////											14.3	////////	
TOTALS	25.7	35.6	19.8	3.8	.9							100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	7.7	3.0	.1								15.2	6.7	7.0
020-040	3.5	3.5	.5									7.5	5.2	5.0
050-070	2.1	2.2	.9									5.1	5.8	5.0
(E) 080-100	2.1	1.7	.4									4.1	5.1	4.0
110-130	2.0	4.3	1.4									7.7	6.6	7.0
140-160	2.1	5.1	2.1	.4	.1							9.8	7.4	6.0
(S) 170-190	1.4	5.2	3.0	.2		.1						9.8	8.2	8.0
200-220	1.5	.9	.5									3.0	5.7	4.0
230-250	1.3	.9	.5	.1	.1	.1						3.0	7.3	5.0
(W) 260-280	.6	.7	1.2	.6	.3							3.4	10.4	10.0
290-310	1.5	3.9	3.6	.7	.4							10.1	9.4	9.0
320-340	1.5	7.9	5.3	1.1								15.8	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											5.6	////////	
TOTALS	24.0	44.0	22.4	3.2	.9	.2						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1384



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		4.1	4.0	1.3	.1	.0			.0				9.4	5.7	5.0
020-040		3.1	1.9	.3	.0	.0							5.3	4.6	4.0
050-070		2.1	1.2	.2	.0	.0	.0						3.6	4.6	4.0
(E) 080-100		1.8	1.1	.3	.0	.0							3.2	5.0	4.0
110-130		2.6	1.6	.4	.0	.0							4.7	4.9	4.0
140-160		4.2	3.6	1.4	.3	.0	.0						9.5	6.0	5.0
(S) 170-190		4.3	5.1	2.6	.5	.1	.0	.0	.0				12.6	6.9	6.0
200-220		3.2	2.5	.8	.1	.0							6.5	5.4	5.0
230-250		1.8	1.6	.6	.1	.0	.0						4.1	5.9	5.0
(W) 260-280		1.0	1.5	1.0	.3	.1	.0	.0					3.8	8.0	8.0
290-310		1.7	2.5	2.1	.6	.2	.0	.0					7.1	8.5	8.0
320-340		2.4	3.7	1.9	.4	.1	.0						8.4	7.2	7.0
VARIABLE		.0										.0	7.0	7.0	
CALM		////////////////////////////////////										21.7	////////////////////////////////		
TOTALS		32.3	30.3	12.9	2.4	.5							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS: 87666

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	7.6	3.4	.5	.0			.0				16.2	7.0	6.0
020-040	3.2	3.5	.9	.0	.0							7.6	5.7	5.0
050-070	2.9	2.5	.7	.1	.0							6.2	5.5	5.0
(E) 080-100	2.4	2.4	.8	.2	.0							5.8	6.2	5.0
110-130	2.7	2.7	.9	.0	.0							6.3	5.7	5.0
140-160	3.1	3.8	1.8	.3	.0							8.9	6.7	6.0
(S) 170-190	2.6	3.4	1.7	.3	.1	.0						8.2	7.1	6.0
200-220	1.7	1.0	.2	.0								3.0	4.7	4.0
230-250	1.3	1.0	.4	.0	.0	.0						2.8	5.7	5.0
(W) 260-280	.6	1.2	.8	.3	.1		.0					3.0	8.6	8.0
290-310	1.3	2.6	2.5	.5	.2							7.1	8.8	8.0
320-340	2.0	5.0	4.1	.8	.1	.0						12.1	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											12.7	////////////////////////////////	
TOTALS	28.5	36.7	18.2	3.0	.5							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 9109

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	47.0	48.8	49.5	50.6	51.3	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.7
GE 20000	48.0	50.9	52.7	53.3	54.5	55.2	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6
GE 18000	48.0	50.9	52.7	53.3	54.5	55.2	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6
GE 16000	48.0	50.9	52.7	53.3	54.5	55.2	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6
GE 14000	48.6	51.5	53.3	54.0	55.2	55.8	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2
GE 12000	49.5	52.4	54.2	54.8	56.0	56.7	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1
GE 10000	53.2	56.6	58.6	59.7	60.9	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9
GE 9000	53.3	56.7	58.7	59.8	61.0	61.6	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0
GE 8000	56.3	59.8	61.8	62.9	64.1	64.7	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.2
GE 7000	56.7	60.1	62.4	63.4	64.6	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7
GE 6000	57.0	60.5	62.8	63.9	65.1	65.7	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1
GE 5000	58.4	62.2	64.4	65.7	66.9	67.5	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0
GE 4500	60.2	64.4	66.8	68.2	69.4	70.0	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4
GE 4000	60.3	64.5	66.9	68.3	69.5	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5
GE 3500	61.6	66.1	68.5	69.9	71.1	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2
GE 3000	64.1	68.8	71.4	72.8	74.0	74.6	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1
GE 2500	65.6	70.9	73.9	75.7	76.9	77.5	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0
GE 2000	67.1	73.0	76.5	78.8	80.1	81.1	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5
GE 1800	68.1	74.0	77.4	80.0	81.4	82.4	82.6	82.6	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.9
GE 1500	6.7	76.0	80.0	83.1	84.6	85.6	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2
GE 1200	70.5	77.1	81.3	84.4	86.1	87.1	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.8
GE 1000	71.2	78.0	82.4	86.0	88.1	89.0	89.7	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2
GE 900	71.3	78.2	82.6	86.5	88.9	89.9	91.2	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.9
GE 800	71.9	78.8	83.2	87.2	89.7	90.8	92.5	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2
GE 700	72.4	79.2	83.7	87.6	90.2	91.4	93.2	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0
GE 600	72.5	79.4	83.8	87.7	90.4	91.7	93.7	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4
GE 500	72.7	79.6	84.3	88.3	91.1	92.4	94.3	94.7	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3
GE 400	72.7	79.6	84.3	88.4	91.5	93.0	95.1	95.6	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.3
GE 300	72.7	79.6	84.3	88.6	91.8	93.3	95.6	96.2	96.5	96.7	97.0	97.0	97.2	97.2	97.2	97.3
GE 200	72.7	79.6	84.3	88.7	91.9	93.4	95.8	96.7	97.2	97.4	98.0	98.0	98.7	98.7	98.7	98.8
GE 100	72.7	79.6	84.3	88.7	92.0	93.5	96.0	96.9	97.4	97.6	98.2	98.2	98.9	98.9	99.1	99.6
GE 000	72.7	79.6	84.3	88.7	92.0	93.5	96.0	96.9	97.4	97.6	98.2	98.2	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	44.2	46.3	47.0	48.2	48.6	48.6	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.2	49.2
GE 20000	43.2	47.1	49.8	50.4	51.7	52.2	52.2	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9
GE 18000	43.2	47.1	49.8	50.4	51.7	52.2	52.2	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9
GE 16000	43.2	47.1	49.8	50.4	51.7	52.2	52.2	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9
GE 14000	43.8	47.6	50.3	51.0	52.3	52.7	52.7	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.4	53.4
GE 12000	44.9	48.8	51.5	52.2	53.4	53.9	53.9	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.6	54.6
GE 10000	49.4	53.8	56.7	57.5	58.8	59.2	59.2	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.0	60.0
GE 9000	49.5	53.9	56.8	57.6	58.9	59.4	59.4	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1	60.1
GE 8000	50.8	55.6	58.7	59.7	61.0	61.5	61.5	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3
GE 7000	51.4	56.2	59.4	60.3	61.6	62.2	62.2	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9
GE 6000	51.6	56.5	59.6	60.5	61.8	62.4	62.4	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.1	63.1
GE 5000	53.0	57.8	61.5	62.8	64.1	64.6	64.6	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4
GE 4500	54.7	59.9	63.7	65.1	66.3	66.9	66.9	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.6
GE 4000	54.9	60.1	63.9	65.3	66.7	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.8	67.8	68.0	68.0
GE 3500	56.7	62.0	66.0	67.4	68.9	69.5	69.5	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2
GE 3000	58.5	64.0	68.2	69.8	71.3	71.8	71.8	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.6
GE 2500	61.5	68.6	73.1	75.1	76.6	77.1	77.1	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.8
GE 2000	64.1	72.2	76.9	78.9	80.8	81.4	81.4	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.2	82.2
GE 1800	64.9	73.3	78.1	80.2	82.2	82.8	82.8	83.4	83.4	83.5	83.7	83.7	83.8	83.8	83.9	83.9
GE 1500	65.9	74.9	80.2	83.0	85.4	86.1	86.2	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.4	87.4
GE 1200	66.8	75.9	81.3	84.1	86.6	87.3	87.4	88.1	88.1	88.3	88.4	88.4	88.5	88.5	88.6	88.6
GE 1000	67.4	76.7	82.3	85.4	88.2	88.9	89.2	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.6	90.6
GE 900	67.4	76.7	82.4	85.7	88.6	89.6	89.9	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.3	91.3
GE 800	67.8	77.1	82.9	86.2	89.5	90.8	91.4	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.9	92.9
GE 700	67.8	77.1	83.2	86.9	90.3	91.8	92.5	93.5	93.5	93.9	94.0	94.0	94.1	94.1	94.2	94.2
GE 600	67.8	77.2	83.5	87.3	91.0	92.5	93.2	94.3	94.3	94.6	94.8	94.8	94.9	94.9	95.1	95.1
GE 500	67.8	77.2	83.7	87.7	91.8	93.3	94.1	95.2	95.2	95.5	95.7	95.7	95.8	95.8	95.9	95.9
GE 400	67.8	77.2	83.7	88.0	92.3	93.8	94.6	95.7	95.7	96.1	96.5	96.5	96.6	96.6	96.7	96.7
GE 300	68.0	77.3	83.8	88.1	92.4	93.9	94.8	96.0	96.0	96.5	96.8	96.8	97.1	97.1	97.2	97.4
GE 200	68.0	77.3	83.8	88.1	92.4	93.9	94.8	96.1	96.3	96.9	97.2	97.2	98.3	98.3	98.5	98.8
GE 100	68.0	77.3	83.8	88.1	92.4	93.9	94.8	96.1	96.3	96.9	97.2	97.3	98.5	98.5	99.0	99.7
GE 000	68.0	77.3	83.8	88.1	92.4	93.9	94.8	96.1	96.3	96.9	97.2	97.3	98.5	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.0	40.3	42.8	43.9	44.8	45.4	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.3
GE 20000	40.0	43.5	46.5	47.7	48.7	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.2
GE 18000	40.0	43.5	46.5	47.7	48.7	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.2
GE 16000	40.0	43.5	46.5	47.7	48.7	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.2
GE 14000	40.5	44.1	47.1	48.4	49.5	50.0	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.1
GE 12000	41.2	44.7	47.7	49.0	50.1	50.6	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.7
GE 10000	44.9	48.9	52.5	53.9	55.2	55.7	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.9
GE 9000	45.3	49.2	52.9	54.3	55.6	56.1	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.3
GE 8000	47.4	51.8	55.8	57.4	58.7	59.4	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.5
GE 7000	48.3	52.7	56.7	58.4	59.7	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.5
GE 6000	49.0	53.5	57.5	59.2	60.5	61.2	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.4
GE 5000	51.0	55.6	59.7	61.8	63.3	64.0	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.2
GE 4500	52.3	57.0	61.1	63.4	65.1	65.7	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.9
GE 4000	52.3	57.0	61.1	63.4	65.2	65.8	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	67.0
GE 3500	53.9	58.7	62.8	65.2	66.9	67.5	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.7
GE 3000	54.8	59.8	63.9	66.3	68.3	69.0	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.2
GE 2500	57.4	62.8	67.7	70.8	72.8	73.5	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	75.1
GE 2000	60.9	67.4	73.1	76.3	78.8	79.8	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.6
GE 1800	61.4	68.3	74.0	77.2	79.9	80.9	81.8	82.3	82.3	82.4	82.5	82.5	82.5	82.6	82.6	82.8
GE 1500	62.5	69.9	75.8	79.6	82.3	83.2	84.3	84.9	84.9	85.2	85.4	85.4	85.4	85.5	85.5	85.7
GE 1200	63.4	71.0	77.0	80.9	83.5	84.5	85.6	86.3	86.3	86.6	86.8	86.8	86.8	86.9	86.9	87.1
GE 1000	64.0	71.6	77.7	82.4	85.2	86.2	87.6	88.5	88.5	88.8	89.0	89.0	89.0	89.1	89.1	89.4
GE 900	64.0	71.6	77.8	83.0	86.2	87.5	88.9	89.8	89.8	90.1	90.4	90.4	90.4	90.5	90.5	90.8
GE 800	64.3	71.9	78.5	84.1	87.3	88.8	90.3	91.4	91.4	91.7	92.0	92.0	92.0	92.2	92.2	92.4
GE 700	64.3	71.9	78.5	84.1	88.1	89.6	91.2	92.3	92.3	92.7	93.0	93.0	93.0	93.1	93.1	93.3
GE 600	64.3	72.0	78.8	84.5	88.6	90.1	91.8	92.9	92.9	93.3	93.7	93.7	93.7	93.8	93.8	94.0
GE 500	64.3	72.0	78.8	84.7	89.0	90.5	92.4	93.4	93.5	94.2	94.5	94.5	94.7	94.8	94.8	95.1
GE 400	64.3	72.0	78.8	84.7	89.1	90.6	92.5	93.5	93.7	94.4	94.7	94.7	94.9	95.1	95.1	95.3
GE 300	64.3	72.0	78.8	84.8	89.4	91.0	93.0	94.3	94.5	95.3	96.0	96.0	96.3	96.6	96.7	97.0
GE 200	64.3	72.0	78.8	84.8	89.4	91.1	93.3	94.8	95.3	96.1	97.1	97.1	97.5	97.7	97.8	98.3
GE 100	64.3	72.0	78.8	84.8	89.4	91.1	93.3	94.8	95.4	96.2	97.3	97.3	97.8	98.1	98.8	99.4
GE 000	64.3	72.0	78.8	84.8	89.4	91.1	93.3	94.8	95.4	96.2	97.3	97.3	97.8	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	39.6	43.2	44.6	45.2	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	39.7	43.9	47.7	49.3	49.9	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	39.8	44.0	47.8	49.4	50.1	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	39.8	44.0	47.8	49.4	50.1	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 14000	40.5	44.7	48.4	50.1	50.7	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	41.2	45.4	49.2	50.8	51.5	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	45.7	51.0	54.9	56.7	57.4	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	46.3	51.6	55.4	57.3	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	48.3	53.7	57.9	59.8	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 7000	49.4	54.8	59.0	61.0	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	49.6	55.0	59.3	61.5	62.3	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	50.6	56.6	61.0	63.4	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	51.0	57.3	61.7	64.0	65.2	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	51.6	57.8	62.2	64.6	65.8	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 3500	52.3	58.9	63.3	65.7	66.8	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3000	54.0	60.7	65.1	67.7	69.1	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	56.6	63.8	68.9	71.7	73.6	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5
GE 2000	60.9	68.8	74.6	77.8	80.2	80.9	81.4	81.5	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8
GE 1800	61.6	69.6	75.6	79.0	81.4	82.1	82.6	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 1500	62.5	71.6	77.7	81.5	84.1	84.9	85.4	85.5	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9
GE 1200	62.9	71.9	78.8	83.0	85.7	86.7	87.1	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
GE 1000	63.4	72.8	79.8	84.5	87.5	88.5	89.2	89.5	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9
GE 900	63.7	73.1	80.3	85.4	88.6	89.6	90.3	90.6	90.6	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 800	63.7	73.1	80.5	85.7	88.9	89.9	90.9	91.3	91.3	91.6	91.8	91.8	91.9	91.9	91.9	91.9
GE 700	63.7	73.1	80.6	85.9	89.2	90.3	91.5	92.0	92.0	92.4	92.8	92.8	92.9	92.9	92.9	92.9
GE 600	63.7	73.1	80.6	85.9	89.3	90.5	91.7	92.6	92.7	93.1	93.5	93.5	93.6	93.6	93.6	93.6
GE 500	63.7	73.1	80.9	86.4	90.6	91.9	93.2	94.5	94.6	95.0	95.6	95.6	95.7	95.7	95.7	95.7
GE 400	63.7	73.2	81.2	86.7	91.0	92.2	93.6	95.3	95.4	95.8	96.3	96.3	96.6	96.6	96.6	96.6
GE 300	63.7	73.2	81.2	86.7	91.0	92.2	93.8	95.6	95.8	96.8	97.5	97.5	97.8	97.8	97.8	97.8
GE 200	63.7	73.2	81.2	86.7	91.0	92.4	93.9	95.8	96.0	97.1	98.2	98.3	98.9	99.0	99.0	99.2
GE 100	63.7	73.2	81.2	86.7	91.0	92.4	93.9	95.8	96.0	97.1	98.2	98.3	99.0	99.2	99.5	99.8
GE 000	63.7	73.2	81.2	86.7	91.0	92.4	93.9	95.8	96.0	97.1	98.2	98.3	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	43.3	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	45.4	49.6	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	45.8	50.0	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	45.8	50.0	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	46.6	50.8	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	47.3	51.6	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	52.5	57.3	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	53.0	57.8	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	55.4	60.5	62.6	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	56.0	61.4	63.4	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	56.3	61.8	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	57.1	62.8	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4500	57.7	63.5	65.9	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	58.2	64.1	66.5	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3500	58.8	64.7	67.1	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3000	59.6	65.9	68.4	68.7	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 2500	63.9	70.1	73.5	74.0	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2000	67.5	75.5	78.5	79.4	80.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	68.5	76.6	79.8	80.8	81.6	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	69.1	77.6	81.5	82.9	84.2	84.8	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	71.3	80.3	84.9	86.5	87.7	88.5	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	71.6	80.6	85.3	87.4	89.0	89.9	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	71.6	80.6	85.5	88.0	89.7	90.5	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	71.6	80.6	85.5	88.0	89.9	90.8	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	71.7	80.8	85.7	88.2	90.1	91.1	91.8	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	71.7	80.8	85.8	88.4	90.4	91.5	92.6	93.5	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1
GE 500	71.8	81.0	86.1	88.9	91.2	92.3	93.5	95.1	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
GE 400	71.8	81.0	86.1	89.0	91.5	92.8	94.3	96.1	96.5	96.7	96.9	96.9	97.0	97.1	97.1	97.1
GE 300	71.8	81.0	86.1	89.0	91.6	92.9	94.4	96.3	96.7	97.4	97.8	97.8	98.0	98.2	98.2	98.2
GE 200	71.8	81.0	86.1	89.1	91.7	93.0	94.8	97.0	97.4	98.3	98.7	98.7	98.8	99.0	99.0	99.4
GE 100	71.8	81.0	86.1	89.1	91.7	93.0	94.8	97.0	97.4	98.3	98.7	98.7	98.8	99.0	99.7	100.0
GE 000	71.8	81.0	86.1	89.1	91.7	93.0	94.8	97.0	97.4	98.3	98.7	98.7	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	45.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	49.4	51.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	49.6	52.2	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	49.6	52.2	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	50.5	53.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	51.8	54.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	55.6	58.5	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 9000	56.0	58.9	60.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	59.8	63.0	64.5	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	60.2	63.7	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	60.4	63.9	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 5000	61.2	64.6	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	61.7	65.5	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	62.7	66.6	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	63.4	67.5	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	65.1	69.7	71.6	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 2500	68.9	73.7	76.0	76.9	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2000	70.5	76.2	78.7	79.9	80.6	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1800	71.3	77.2	79.8	81.1	81.9	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	72.4	78.5	81.7	83.3	84.5	84.7	85.1	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	73.3	79.6	83.4	85.4	86.7	86.9	87.2	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	73.8	80.2	84.2	86.2	88.3	88.7	89.4	89.8	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5
GE 900	73.8	80.4	84.4	86.7	88.7	89.2	89.9	90.4	90.8	91.1	91.3	91.4	91.4	91.4	91.4	91.4
GE 800	73.8	80.6	84.6	87.1	89.2	90.0	90.9	91.4	91.7	92.0	92.3	92.4	92.4	92.4	92.4	92.4
GE 700	73.8	80.6	84.6	87.1	89.2	90.2	91.1	91.9	92.3	92.6	92.9	93.1	93.2	93.2	93.2	93.2
GE 600	73.8	80.9	84.8	87.3	89.6	90.5	91.4	92.5	92.8	93.1	93.4	93.7	93.8	93.8	93.8	93.8
GE 500	73.8	80.9	84.8	87.6	90.0	91.0	91.8	93.3	94.0	94.3	94.6	94.8	94.9	94.9	95.1	95.1
GE 400	73.8	80.9	84.9	87.8	90.6	91.8	92.7	94.4	95.1	95.9	96.3	96.6	96.7	96.7	96.8	96.8
GE 300	73.8	80.9	84.9	87.8	90.8	92.2	93.1	94.8	95.5	96.3	97.0	97.2	97.3	97.3	97.6	97.6
GE 200	73.8	81.0	85.1	88.0	91.1	92.6	93.5	95.6	96.2	97.3	98.3	98.5	98.9	98.9	99.2	99.5
GE 100	73.8	81.0	85.1	88.0	91.1	92.6	93.5	95.6	96.2	97.3	98.4	98.6	99.0	99.2	99.7	100.0
GE 000	73.8	81.0	85.1	88.0	91.1	92.6	93.5	95.6	96.2	97.3	98.4	98.6	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	45.9	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 20000	47.7	50.2	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	47.8	50.3	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 16000	47.8	50.3	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	48.5	51.0	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	50.1	52.6	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	55.4	57.8	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 9000	55.7	58.2	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	58.5	6.1	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	59.0	62.0	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000	59.5	62.5	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	61.3	64.3	68.0	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	62.3	65.3	69.2	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	63.1	66.2	70.2	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3500	64.6	68.1	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	66.6	70.1	74.4	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2500	69.1	73.3	78.4	79.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	70.6	75.3	80.4	81.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	71.4	76.1	81.4	82.5	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	72.2	77.5	83.7	85.4	87.1	87.1	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	72.7	78.1	84.7	86.8	88.7	88.7	89.0	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	73.3	78.7	85.4	87.4	89.4	89.7	90.1	90.6	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	73.3	78.7	85.4	87.6	89.6	90.4	90.9	91.4	91.5	91.9	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	73.3	78.7	85.5	87.8	90.2	91.1	91.6	92.2	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	73.3	78.7	85.5	87.8	90.2	91.4	91.9	92.7	92.8	93.2	93.5	93.5	93.8	93.8	93.8	93.8
GE 600	73.3	78.7	85.5	87.8	90.2	91.4	91.9	92.8	92.9	93.3	93.7	93.7	93.9	93.9	93.9	93.9
GE 500	73.3	78.7	85.5	88.0	90.8	92.0	92.7	94.2	94.5	95.2	95.6	95.6	95.8	95.8	95.8	95.8
GE 400	73.3	78.7	85.5	88.0	91.2	92.6	93.2	94.7	95.3	95.9	96.3	96.5	96.7	96.7	96.7	96.7
GE 300	73.3	78.7	85.6	88.1	91.5	92.9	93.5	95.6	96.2	97.0	97.6	97.7	98.0	98.0	98.0	98.0
GE 200	73.3	78.7	85.6	88.2	91.6	93.1	93.8	95.9	97.0	97.7	98.9	99.0	99.6	99.6	99.6	99.6
GE 100	73.3	78.7	85.6	88.2	91.6	93.1	93.8	95.9	97.1	97.8	99.1	99.2	99.8	99.8	99.8	100.0
GE 000	73.3	78.7	85.6	88.2	91.6	93.1	93.8	95.9	97.1	97.8	99.1	99.2	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.5	44.9	47.0	48.0	48.4	48.8	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	46.2	48.7	51.0	52.2	52.6	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	46.2	48.7	51.0	52.2	52.6	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	46.2	48.7	51.0	52.2	52.6	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	47.1	49.6	51.8	53.0	53.4	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	49.0	51.5	53.8	54.9	55.4	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 10000	54.1	56.6	59.2	60.9	61.3	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	54.2	56.7	59.4	61.0	61.4	61.8	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 8000	56.5	58.9	61.6	63.2	63.9	64.3	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	57.1	59.6	62.3	63.9	64.5	64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	57.7	60.2	63.0	64.6	65.3	65.7	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	59.8	62.3	65.2	67.0	67.6	68.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	61.1	63.7	66.6	68.6	69.2	69.7	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	62.3	64.8	67.8	69.9	70.5	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	63.3	66.0	69.2	71.3	71.9	72.4	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3000	65.5	68.3	71.6	73.7	74.4	74.8	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2500	67.5	71.0	74.9	77.5	78.3	78.7	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	69.6	73.4	77.4	80.6	81.4	81.9	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	70.3	74.2	78.3	81.8	82.6	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	71.2	75.5	79.9	83.9	84.9	85.9	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	71.7	76.3	81.0	85.3	86.6	87.6	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	72.3	77.2	82.0	87.0	88.7	89.9	90.4	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	72.3	77.3	82.2	87.1	88.9	90.2	91.0	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
CE 800	72.3	77.4	82.3	87.2	89.2	90.8	91.7	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	72.4	77.6	82.8	87.7	89.9	91.5	92.5	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	72.4	77.6	82.8	87.7	90.1	91.8	92.8	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	72.4	77.6	83.1	88.2	90.9	92.6	93.7	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	72.4	77.8	83.3	88.6	91.7	93.7	94.7	95.9	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	72.4	77.8	83.4	88.9	92.0	94.0	95.4	96.8	97.7	98.3	98.4	98.5	98.5	98.5	98.5	98.5
GE 200	72.4	77.8	83.4	89.0	92.2	94.1	95.5	97.2	98.4	98.9	99.1	99.2	99.5	99.5	99.5	99.5
GE 100	72.4	77.8	83.4	89.0	92.2	94.1	95.5	97.2	98.4	99.0	99.2	99.5	99.7	99.7	99.8	99.8
GE 000	72.4	77.8	83.4	89.0	92.2	94.1	95.5	97.2	98.4	99.0	99.2	99.5	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.9	43.9	46.1	46.7	47.3	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9
GE 20000	45.0	48.2	50.6	51.3	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
GE 18000	45.1	48.3	50.7	51.4	52.0	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
GE 16000	45.1	48.3	50.7	51.4	52.0	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
GE 14000	45.8	49.1	51.4	52.2	52.8	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4
GE 12000	46.9	50.2	52.6	53.3	54.0	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6
GE 10000	51.4	55.1	57.8	58.7	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
GE 9000	51.7	55.4	58.1	59.1	59.7	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
GE 8000	54.1	58.1	60.9	61.9	62.6	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
GE 7000	54.8	58.8	61.7	62.8	63.5	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
GE 6000	55.2	59.2	62.2	63.2	63.9	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 5000	56.5	60.8	63.9	65.1	65.9	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
GE 4500	57.6	62.1	65.3	66.6	67.4	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
GE 4000	58.2	62.6	65.9	67.2	68.0	68.3	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 3500	59.3	64.0	67.3	68.7	69.5	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2
GE 3000	61.0	65.9	69.3	70.7	71.7	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
GE 2500	63.8	69.3	73.3	75.1	76.3	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 2000	66.4	72.7	77.0	79.2	80.6	81.2	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
GE 1800	67.2	73.7	78.0	80.3	81.9	82.4	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1
GE 1500	68.2	75.2	80.1	82.8	84.6	85.3	85.7	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	69.1	76.3	81.6	84.5	86.4	87.2	87.6	87.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2
GE 1000	69.6	77.0	82.4	85.8	88.0	88.9	89.5	90.0	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5
GE 900	69.7	77.1	82.6	86.2	88.7	89.6	90.4	90.9	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5
GE 800	69.8	77.3	82.9	86.7	89.2	90.3	91.3	92.0	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.6
GE 700	69.9	77.4	83.1	86.9	89.7	90.9	92.0	92.7	92.9	93.1	93.3	93.4	93.4	93.4	93.5	93.5
GE 600	69.9	77.5	83.2	87.1	90.0	91.3	92.4	93.3	93.4	93.7	93.9	94.0	94.0	94.1	94.1	94.1
GE 500	70.0	77.5	83.4	87.5	90.7	92.0	93.2	94.4	94.7	95.0	95.3	95.3	95.4	95.4	95.5	95.5
GE 400	70.0	77.6	83.5	87.6	91.1	92.6	93.8	95.2	95.5	96.0	96.3	96.3	96.5	96.5	96.6	GE
300	70.0	77.6	83.5	87.8	91.3	92.8	94.2	95.7	96.1	96.8	97.3	97.3	97.5	97.6	97.6	97.7
GE 200	70.0	77.6	83.5	87.8	91.4	92.9	94.4	96.1	96.7	97.5	98.2	98.3	98.8	98.8	98.9	99.1
GE 100	70.0	77.6	83.5	87.8	91.4	93.0	94.5	96.2	96.8	97.5	98.3	98.4	99.0	99.1	99.4	99.8
GE 000	70.0	77.6	83.5	87.8	91.4	93.0	94.5	96.2	96.8	97.5	98.3	98.4	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	44.2	45.7	46.4	47.3	47.7	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3
GE 20000	43.5	46.3	48.3	49.6	50.5	50.9	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
GE 18000	43.6	46.4	48.4	49.7	50.6	51.0	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
GE 16000	43.6	46.4	48.6	49.9	50.9	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8
GE 14000	44.1	47.0	49.2	50.5	51.5	51.8	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
GE 12000	44.5	47.5	49.7	51.1	52.1	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
GE 10000	47.5	50.6	53.1	54.5	55.6	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
GE 9000	47.5	50.6	53.1	54.5	55.6	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
GE 8000	49.2	53.2	55.7	57.2	58.3	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 7000	49.7	53.9	56.7	58.2	59.2	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
GE 6000	49.8	54.1	56.8	58.3	59.4	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7
GE 5000	51.2	56.2	58.9	60.5	62.0	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
GE 4500	52.7	57.8	60.8	62.8	64.3	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
GE 4000	53.0	58.3	61.2	63.4	64.9	65.7	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
GE 3500	54.2	59.6	63.0	65.3	66.8	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
GE 3000	55.0	60.7	64.8	67.1	68.7	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
GE 2500	57.8	64.1	68.4	71.0	72.7	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
GE 2000	60.3	67.4	72.2	75.0	77.0	78.4	78.8	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3
GE 1800	60.9	68.1	73.1	76.0	78.2	79.6	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7
GE 1500	62.1	70.1	75.1	78.4	81.3	82.8	83.6	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2
GE 1200	62.2	70.4	75.6	79.9	82.7	84.2	85.4	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	86.0
GE 1000	62.8	71.4	76.9	81.3	84.5	86.0	87.2	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0
GE 900	63.0	71.6	77.1	81.5	85.0	86.6	87.8	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.9
GE 800	63.3	71.8	77.4	82.0	85.5	87.2	88.3	88.9	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.5
GE 700	63.6	72.7	78.6	83.5	87.0	88.7	89.9	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.2
GE 600	63.6	72.9	78.8	83.7	87.4	89.2	90.3	91.0	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.6
GE 500	63.6	72.9	79.0	84.1	88.0	89.8	91.4	92.1	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.9
GE 400	63.8	73.3	79.4	84.7	88.7	90.7	93.3	94.0	94.1	94.6	94.7	94.9	94.9	94.9	94.9	95.1
GE 300	63.8	73.3	79.4	84.7	88.7	90.8	93.4	94.1	94.5	94.9	95.1	95.3	95.3	95.3	95.4	95.9
GE 200	63.8	73.3	79.4	84.7	88.9	91.0	93.6	94.7	95.1	95.6	95.9	96.3	96.3	96.3	96.6	97.1
GE 100	63.8	73.3	79.4	84.7	88.9	91.0	93.6	94.7	95.1	95.6	96.3	96.8	96.8	96.9	97.2	98.6
GE 000	63.8	73.3	79.4	84.7	88.9	91.0	93.6	94.7	95.1	95.6	96.3	96.8	96.8	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.5	42.2	44.1	46.2	47.2	47.7	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.8	48.
GE 20000	40.6	43.5	45.3	47.7	48.9	49.4	49.8	49.9	49.9	50.1	50.1	50.1	50.2	50.2	50.4	50.5
GE 18000	40.6	43.5	45.3	47.7	48.9	49.4	49.8	49.9	49.9	50.1	50.1	50.1	50.2	50.2	50.4	50.5
GE 16000	40.6	43.5	45.3	47.7	48.9	49.4	49.8	49.9	49.9	50.1	50.1	50.1	50.2	50.2	50.4	50.5
GE 14000	41.0	43.8	45.8	48.2	49.4	49.8	50.3	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.9	51.0
GE 12000	41.2	44.1	46.1	48.4	49.6	50.1	50.5	50.6	50.6	50.8	50.8	50.8	50.9	50.9	51.1	51.2
GE 10000	43.2	46.1	48.3	50.8	52.2	52.7	53.1	53.2	53.2	53.4	53.4	53.4	53.5	53.5	53.7	53.8
GE 9000	43.2	46.1	48.3	50.8	52.2	52.7	53.1	53.2	53.2	53.4	53.4	53.4	53.5	53.5	53.7	53.8
GE 8000	44.8	47.7	50.3	52.9	54.5	55.0	55.5	55.6	55.6	55.7	55.7	55.7	55.8	55.8	56.1	56.2
GE 7000	45.0	48.2	51.2	53.8	55.6	56.1	56.5	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.1	57.2
GE 6000	45.3	48.5	51.7	54.3	56.3	56.8	57.2	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.8	58.0
GE 5000	46.6	50.1	53.7	56.7	58.8	59.4	59.8	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.4	60.5
GE 4500	48.2	51.9	55.6	58.8	60.9	61.5	62.0	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.5	62.7
GE 4000	48.4	52.3	56.1	59.2	61.5	62.1	62.5	62.7	62.7	62.8	62.8	62.8	62.9	62.9	63.1	63.3
GE 3500	48.6	52.8	56.5	59.7	62.2	62.8	63.4	63.5	63.5	63.7	63.7	63.7	63.8	63.8	64.1	64.2
GE 3000	50.2	54.4	58.4	61.8	64.4	65.0	65.6	65.7	65.7	66.0	66.0	66.0	66.1	66.1	66.3	66.4
GE 2500	51.8	56.7	60.8	64.9	67.6	68.2	69.1	69.3	69.3	69.5	69.5	69.5	69.6	69.6	69.8	70.0
GE 2000	54.4	59.6	64.4	68.8	71.6	72.2	73.4	73.7	73.7	74.0	74.0	74.0	74.1	74.1	74.3	74.4
GE 1800	55.5	61.0	66.1	70.4	73.3	74.0	75.1	75.5	75.5	75.9	75.9	75.9	76.0	76.0	76.2	76.3
GE 1500	56.7	62.5	68.0	72.3	75.6	76.4	77.6	78.1	78.1	78.7	78.7	78.7	78.8	78.8	79.0	79.2
GE 1200	57.1	63.0	68.8	73.9	77.6	78.4	79.7	80.2	80.2	80.8	81.0	81.0	81.2	81.2	81.4	81.5
GE 1000	57.5	64.1	70.3	75.5	79.5	80.3	81.7	82.3	82.3	82.9	83.2	83.4	83.5	83.5	83.7	83.9
GE 900	57.5	64.3	70.7	76.2	80.4	81.3	82.7	83.3	83.3	83.9	84.1	84.3	84.5	84.5	84.7	84.8
GE 800	57.7	64.7	71.1	77.0	81.3	82.3	84.0	84.6	84.6	85.2	85.4	85.6	85.7	85.7	86.0	86.1
GE 700	58.7	65.8	72.7	78.8	83.4	84.5	86.2	87.2	87.2	87.9	88.2	88.5	88.6	88.6	88.8	89.3
GE 600	58.7	65.8	73.0	79.4	84.2	85.3	87.2	88.1	88.1	88.8	89.2	89.4	89.5	89.5	89.8	90.2
GE 500	58.7	65.8	73.1	80.3	85.6	86.9	88.8	89.8	89.8	90.6	91.0	91.3	91.4	91.4	91.6	92.1
GE 400	58.7	65.8	73.1	80.4	86.0	87.4	90.9	91.9	92.0	92.8	93.5	93.8	93.9	93.9	94.1	94.6
GE 300	58.7	65.8	73.1	80.6	86.7	88.1	91.9	93.1	93.4	94.3	95.2	95.4	95.5	95.5	95.8	96.2
GE 200	58.7	65.8	73.1	80.6	86.7	88.1	91.9	93.2	93.6	95.1	95.9	96.1	96.5	96.6	97.2	97.6
GE 100	58.7	65.8	73.1	80.6	86.7	88.1	91.9	93.3	93.8	95.2	96.1	96.3	96.7	96.8	97.4	98.9
GE 000	58.7	65.8	73.1	80.6	86.7	88.1	91.9	93.3	93.8	95.2	96.1	96.3	96.7	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 NOV 89  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	34.9	38.0	39.8	42.4	42.4	43.6	43.8	43.8	44.1	44.1	44.1	44.4	44.4	44.4	44.9
GE 20000	33.0	37.0	40.3	42.4	45.1	45.3	46.6	46.9	47.0	47.2	47.2	47.2	47.6	47.6	47.6	48.2
GE 18000	33.0	37.0	40.3	42.4	45.1	45.3	46.6	46.9	47.0	47.2	47.2	47.2	47.6	47.6	47.6	48.2
GE 16000	33.0	37.0	40.3	42.4	45.1	45.3	46.6	46.9	47.0	47.2	47.2	47.2	47.6	47.6	47.6	48.2
GE 14000	33.6	37.6	40.9	43.0	45.7	45.9	47.2	47.5	47.6	47.8	47.8	47.8	48.2	48.2	48.2	48.8
GE 12000	33.8	37.8	41.2	43.3	46.1	46.3	47.6	47.9	48.1	48.3	48.4	48.4	48.8	48.8	48.8	49.4
GE 10000	35.7	39.8	43.3	46.1	48.9	49.1	50.4	50.9	51.0	51.2	51.4	51.4	51.7	51.7	51.7	52.4
GE 9000	35.7	39.8	43.3	46.1	48.9	49.1	50.4	50.9	51.0	51.2	51.4	51.4	51.7	51.7	51.7	52.4
GE 8000	37.0	41.2	44.9	48.1	50.9	51.1	52.4	52.9	53.0	53.2	53.4	53.4	53.7	53.7	53.7	54.4
GE 7000	37.9	42.3	46.2	49.5	52.5	52.8	54.1	54.5	54.7	54.9	55.0	55.0	55.4	55.4	55.4	56.1
GE 6000	38.6	43.0	46.9	50.4	53.6	53.8	55.1	55.6	55.7	55.9	56.1	56.1	56.4	56.4	56.4	57.1
GE 5000	39.3	43.8	48.2	51.8	55.1	55.5	56.9	57.4	57.5	57.8	58.0	58.0	58.3	58.3	58.3	59.0
GE 4500	40.3	44.8	49.2	53.1	56.7	57.2	58.7	59.1	59.2	59.7	59.8	59.8	60.2	60.2	60.2	60.9
GE 4000	40.4	44.9	49.4	53.2	56.8	57.4	58.8	59.2	59.4	59.8	60.0	60.0	60.3	60.3	60.3	61.0
GE 3500	41.3	46.1	50.9	55.0	58.5	59.1	60.5	61.0	61.1	61.6	61.7	61.7	62.1	62.1	62.1	62.8
GE 3000	42.3	47.1	52.3	56.8	60.8	61.4	62.9	63.4	63.5	64.0	64.1	64.1	64.4	64.4	64.4	65.1
GE 2500	44.5	49.5	55.1	60.0	64.2	64.8	66.4	66.9	67.0	67.5	67.6	67.6	68.0	68.0	68.0	68.7
GE 2000	47.1	52.4	58.7	63.7	68.4	69.1	70.8	71.3	71.4	71.8	72.0	72.0	72.3	72.3	72.3	73.0
GE 1800	47.8	53.4	59.8	64.9	69.8	70.6	72.4	73.0	73.1	73.6	73.7	73.7	74.1	74.1	74.1	74.8
GE 1500	48.3	53.9	60.8	66.5	71.6	72.3	74.4	75.1	75.3	75.7	76.0	76.0	76.3	76.3	76.3	77.0
GE 1200	49.4	55.6	62.5	68.3	73.7	74.4	76.8	77.5	77.7	78.3	78.6	78.6	78.9	78.9	78.9	79.6
GE 1000	49.8	56.2	63.3	69.4	75.3	76.2	78.9	79.7	80.1	80.7	80.9	80.9	81.3	81.3	81.3	82.0
GE 900	49.8	56.4	63.7	70.4	76.6	77.7	80.4	81.3	81.9	82.6	82.9	82.9	83.3	83.3	83.3	84.0
GE 800	50.3	57.2	64.5	71.5	77.7	78.9	82.3	83.3	83.9	84.8	85.3	85.3	85.7	85.7	85.7	86.6
GE 700	50.5	57.5	64.9	72.7	79.2	80.7	84.2	85.2	85.7	86.8	87.4	87.5	88.0	88.0	88.1	89.0
GE 600	50.5	57.5	65.4	73.3	80.0	81.5	85.0	86.2	86.8	87.9	88.6	88.7	89.2	89.2	89.3	90.5
GE 500	50.5	57.5	65.5	73.6	80.4	82.2	85.7	87.4	88.1	89.3	90.0	90.1	90.6	90.6	90.7	92.2
GE 400	50.5	57.6	65.8	74.3	81.7	83.7	87.9	89.6	90.5	92.0	92.7	92.8	93.3	93.4	93.5	95.2
GE 300	50.5	57.6	65.8	74.3	81.9	83.9	88.0	89.9	90.7	92.3	93.1	93.3	93.9	94.0	94.1	95.8
GE 200	50.5	57.6	65.8	74.3	81.9	83.9	88.0	89.9	90.7	92.6	93.6	94.0	94.6	94.8	95.4	97.4
GE 100	50.5	57.6	65.8	74.3	81.9	83.9	88.0	90.0	90.8	92.9	94.0	94.3	95.2	95.4	96.0	99.4
GE 000	50.5	57.6	65.8	74.3	81.9	83.9	88.0	90.0	90.8	92.9	94.0	94.3	95.2	95.4	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	G 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.7	35.7	39.5	41.9	43.1	43.6	43.7	43.8	43.9	43.9	44.1	44.1	44.1	44.1	44.2	44.4
GE 20000	34.2	39.6	43.3	45.9	47.8	48.3	48.6	48.9	49.0	49.0	49.2	49.2	49.4	49.4	49.5	49.7
GE 18000	34.2	39.6	43.3	45.9	47.8	48.3	48.6	48.9	49.0	49.0	49.2	49.2	49.4	49.4	49.5	49.7
GE 16000	34.4	39.8	43.6	46.2	48.1	48.5	48.9	49.1	49.2	49.2	49.5	49.5	49.6	49.6	49.7	49.9
GE 14000	34.6	40.0	43.9	46.5	48.5	49.0	49.4	49.6	49.8	49.8	50.1	50.1	50.2	50.2	50.3	50.5
GE 12000	34.9	40.5	44.4	47.2	49.2	49.7	50.1	50.3	50.5	50.5	50.8	50.8	50.9	50.9	51.0	51.2
GE 10000	38.5	44.5	48.8	51.6	53.6	54.1	54.5	54.8	55.0	55.0	55.2	55.2	55.4	55.4	55.5	55.7
GE 9000	38.8	44.8	49.1	51.9	53.9	54.4	54.9	55.1	55.4	55.4	55.6	55.6	55.7	55.7	55.8	56.1
GE 8000	39.6	45.9	50.5	53.5	55.5	56.1	56.5	56.8	57.0	57.0	57.2	57.2	57.4	57.4	57.5	57.7
GE 7000	40.4	46.8	51.5	54.5	56.5	57.1	57.6	57.8	58.1	58.1	58.3	58.3	58.4	58.4	58.5	58.8
GE 6000	41.3	47.7	52.4	55.5	57.5	58.1	58.5	58.8	59.0	59.0	59.2	59.2	59.4	59.4	59.5	59.7
GE 5000	42.3	48.8	53.6	56.7	59.0	59.6	60.1	60.3	60.5	60.5	60.8	60.8	60.9	60.9	61.0	61.2
GE 4500	43.1	49.6	54.5	57.8	60.3	60.9	61.4	61.6	61.8	61.8	62.1	62.1	62.2	62.2	62.3	62.5
GE 4000	43.3	50.2	55.1	58.7	61.1	61.7	62.2	62.4	62.7	62.7	62.9	62.9	63.0	63.0	63.1	63.4
GE 3500	43.9	50.9	55.9	59.7	62.4	63.0	63.5	63.7	64.0	64.0	64.2	64.2	64.3	64.3	64.4	64.7
GE 3000	44.4	51.5	56.5	60.4	63.1	63.7	64.2	64.4	64.7	64.7	64.9	64.9	65.0	65.0	65.1	65.4
GE 2500	45.7	53.2	58.3	62.8	65.6	66.3	66.9	67.3	67.5	67.5	67.7	67.7	67.8	67.8	68.0	68.2
GE 2000	47.7	55.7	61.7	66.4	69.7	70.4	71.1	72.0	72.2	72.3	72.6	72.6	72.7	72.7	72.9	73.1
GE 1800	48.5	56.7	62.8	67.8	71.4	72.1	72.9	73.9	74.1	74.4	74.7	74.7	74.8	74.8	75.0	75.3
GE 1500	49.5	58.0	64.5	0.0	74.2	75.3	76.4	77.4	77.6	78.0	78.2	78.2	78.3	78.3	78.6	78.8
GE 1200	50.5	59.4	66.2	71.8	76.8	78.4	79.7	80.7	80.9	81.4	81.6	81.6	81.7	81.7	82.0	82.2
GE 1000	50.6	59.7	66.8	72.4	77.9	79.7	81.4	82.6	82.9	83.5	84.0	84.0	84.1	84.2	84.5	84.7
GE 900	51.0	60.1	67.3	73.5	79.0	81.2	82.9	84.1	84.5	85.0	85.5	85.5	85.6	85.7	86.0	86.5
GE 800	51.4	60.4	67.8	74.8	80.9	83.5	85.5	86.8	87.2	87.9	88.3	88.3	88.6	88.7	88.9	89.4
GE 700	51.5	60.5	68.2	75.3	81.6	84.5	86.6	88.0	88.3	89.0	89.5	89.5	89.8	90.1	90.3	90.8
GE 600	51.5	60.5	68.4	75.6	82.4	85.3	87.6	89.6	90.0	90.7	91.2	91.2	91.4	91.8	92.0	92.5
GE 500	51.5	60.7	68.6	75.9	82.7	85.6	88.2	90.3	90.8	91.5	92.0	92.0	92.2	92.6	92.8	93.3
GE 400	51.5	60.7	68.6	76.2	83.2	86.2	88.9	91.3	92.0	93.8	94.3	94.3	94.7	95.1	95.3	95.8
GE 300	51.5	60.7	68.6	76.2	83.2	86.2	88.9	91.3	92.1	94.0	94.7	94.7	95.2	95.5	95.8	96.3
GE 200	51.5	60.7	68.6	76.2	83.2	86.3	89.0	91.4	92.2	94.3	95.2	95.4	96.0	96.7	97.1	98.1
GE 100	51.5	60.7	68.6	76.2	83.2	86.3	89.0	91.4	92.2	94.3	95.4	95.6	96.6	97.3	98.1	99.8
GE 000	51.5	60.7	68.6	76.2	83.2	86.3	89.0	91.4	92.2	94.3	95.4	95.6	96.6	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.6	40.0	42.9	43.5	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000	39.9	45.8	48.9	49.9	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	40.2	46.2	49.2	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	40.5	46.5	49.6	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	41.1	47.5	50.6	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	41.8	48.2	51.4	52.5	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	45.6	52.4	55.9	57.1	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	45.9	52.9	56.4	57.6	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	47.8	55.5	59.2	60.7	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	47.8	55.5	59.2	60.7	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000	48.1	55.8	59.6	61.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 5000	48.9	57.1	61.0	62.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4500	49.1	57.6	61.5	63.4	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4000	49.9	58.5	62.8	64.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 3500	49.9	58.7	63.1	65.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 3000	52.1	61.0	65.6	68.1	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2500	53.8	63.0	68.0	70.8	72.3	72.4	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2000	55.6	65.4	71.0	73.9	75.7	76.1	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1800	56.8	66.7	72.7	75.6	77.7	78.1	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1500	58.1	68.3	75.1	78.8	82.2	82.7	83.4	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1200	58.9	70.0	77.5	82.0	85.6	86.1	86.8	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6
GE 1000	59.1	70.2	78.3	82.9	87.3	87.8	88.5	88.9	88.9	89.2	89.4	89.4	89.6	89.6	89.6	89.6
GE 900	59.4	70.6	78.8	83.9	88.2	88.7	89.4	89.9	89.9	90.1	90.3	90.3	90.6	90.6	90.6	90.6
GE 800	59.4	70.7	78.9	84.1	88.8	89.5	90.5	91.0	91.0	91.3	91.5	91.5	91.8	91.8	91.8	91.8
GE 700	59.4	70.7	79.3	84.5	89.5	90.2	91.4	92.0	92.0	92.6	92.8	92.8	93.1	93.1	93.1	93.1
GE 600	59.7	71.0	79.6	84.8	90.0	90.7	91.9	92.6	92.6	93.2	93.4	93.4	93.6	93.6	93.6	93.6
GE 500	59.7	71.0	79.9	85.0	90.5	91.2	92.6	93.8	93.9	94.6	94.8	94.8	95.1	95.1	95.1	95.1
GE 400	59.7	71.0	79.9	85.0	90.7	91.4	93.1	94.3	94.9	95.9	96.3	96.3	96.6	96.6	96.6	96.6
GE 300	59.7	71.0	79.9	85.2	90.9	91.6	93.3	94.6	95.4	96.5	97.1	97.1	97.4	97.4	97.4	97.8
GE 200	59.7	71.0	79.9	85.2	90.9	91.6	93.4	94.7	95.5	96.8	97.6	97.6	98.2	98.5	98.5	99.1
GE 100	59.7	71.0	79.9	85.2	90.9	91.6	93.4	94.7	95.5	96.9	97.9	97.9	98.7	98.9	99.1	99.9
GE 000	59.7	71.0	79.9	85.2	90.9	91.6	93.4	94.7	95.5	96.9	97.9	97.9	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GF 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.5	43.7	44.9	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	44.2	49.0	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 18000	44.8	49.9	51.5	51.7	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 16000	44.9	50.1	51.6	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000	45.8	51.4	52.9	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	46.9	52.4	54.1	54.3	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GF 10000	50.8	56.9	58.7	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 9000	51.0	57.2	59.0	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	52.5	58.9	61.4	62.2	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	52.9	59.4	61.8	62.7	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	53.7	60.3	63.0	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	54.3	60.9	63.6	64.5	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 4500	55.5	62.4	65.4	65.4	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	55.8	63.0	66.1	67.1	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 3500	56.2	63.7	66.9	66.1	69.0	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3000	57.1	65.6	68.9	70.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2500	61.2	69.4	73.3	75.0	76.2	76.4	76.8	77.0	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	63.1	72.7	76.9	79.2	80.7	81.2	81.5	81.7	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800	63.7	73.5	78.1	80.4	82.3	82.9	83.3	83.6	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	65.0	75.1	80.4	83.4	86.0	86.6	86.9	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6
GE 1200	65.3	75.5	81.4	84.8	87.4	88.2	88.6	88.9	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	65.3	75.7	81.6	85.4	88.3	89.2	89.8	90.2	90.2	90.5	90.7	90.7	90.8	90.8	90.8	90.8
GE 900	65.5	76.3	82.4	86.6	89.5	90.3	90.9	91.4	91.4	91.6	91.9	91.9	92.0	92.0	92.0	92.0
GE 800	65.7	76.6	82.7	86.8	89.8	90.7	91.4	91.9	91.9	92.1	92.3	92.3	92.5	92.5	92.5	92.5
GE 700	65.7	76.8	83.0	87.4	90.6	91.5	92.6	93.1	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.6
GE 600	65.8	76.9	83.2	87.8	91.3	92.2	93.9	94.3	94.3	94.6	94.8	94.8	94.9	94.9	94.9	94.9
GE 500	65.8	77.0	83.3	87.9	91.5	92.6	94.3	95.4	95.4	95.8	96.1	96.1	96.2	96.2	96.3	96.3
GE 400	65.8	77.0	83.3	87.9	91.6	92.8	94.8	96.0	96.3	96.7	97.3	97.4	97.5	97.5	97.8	97.8
GE 300	65.8	77.0	83.3	87.9	92.0	93.2	95.3	96.6	97.1	97.4	98.5	98.6	98.8	99.2	99.4	99.4
GE 200	65.8	77.0	83.3	87.9	92.0	93.2	95.3	96.6	97.1	97.5	98.6	98.7	98.9	99.3	99.5	99.5
GE 100	65.8	77.0	83.3	87.9	92.0	93.2	95.3	96.6	97.1	97.5	98.6	98.7	98.9	99.3	99.5	100.0
GE 000	65.8	77.0	83.3	87.9	92.0	93.2	95.3	96.6	97.1	97.5	98.6	98.7	98.9	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.2	44.2	46.8	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	43.6	47.9	50.9	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	44.3	48.6	51.6	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	44.3	48.6	51.6	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	44.6	49.0	52.3	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 12000	46.1	50.4	54.1	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	50.8	55.4	59.4	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	51.1	55.7	59.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	51.9	56.8	61.0	62.5	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	53.0	57.8	62.1	63.6	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 6000	53.8	58.7	63.0	64.5	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	54.7	59.5	64.3	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4500	55.6	60.7	65.6	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	56.8	61.8	66.8	68.8	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 3500	58.0	63.1	68.1	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3000	59.4	64.8	69.8	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 2500	62.4	69.3	74.8	77.4	78.3	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	64.4	72.3	78.3	81.2	82.3	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	64.7	72.7	79.3	82.2	83.7	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	65.0	73.1	80.1	84.1	85.9	86.3	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	65.1	73.6	81.0	85.4	87.3	87.9	88.6	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	65.3	73.9	81.4	85.7	87.8	88.3	89.0	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	65.4	74.2	81.9	86.3	88.7	89.4	90.3	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	65.6	74.4	82.1	86.6	88.9	89.6	90.7	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	65.7	74.7	82.4	86.9	89.8	90.7	91.9	92.8	92.8	93.1	93.1	93.1	93.2	93.2	93.4	93.4
GE 600	65.7	74.8	82.6	87.2	90.1	91.0	92.3	93.8	93.8	94.0	94.0	94.0	94.1	94.3	94.6	94.6
GE 500	65.7	75.0	82.8	87.4	90.5	91.4	92.8	94.2	94.2	94.5	94.6	94.6	94.7	94.9	95.3	95.3
GE 400	65.7	75.0	82.8	87.4	90.7	91.6	93.2	94.7	94.7	95.1	95.2	95.2	95.5	95.8	96.1	96.1
GE 300	65.7	75.0	82.8	87.5	90.9	91.9	93.4	94.9	94.9	95.6	96.1	96.2	96.6	96.8	97.2	97.4
GE 200	65.7	75.0	82.8	87.5	91.0	92.0	93.6	95.4	95.4	96.3	97.1	97.2	97.8	98.1	98.9	99.3
GE 100	65.7	75.0	82.8	87.5	91.0	92.0	93.6	95.4	95.4	96.3	97.1	97.2	97.8	98.2	99.1	99.9
GE 000	65.7	75.0	82.8	87.5	91.0	92.0	93.6	95.4	95.4	96.3	97.1	97.2	97.8	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.1	42.4	44.8	45.8	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	43.3	47.6	50.4	51.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 18000	43.3	47.7	50.5	51.8	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	43.3	47.7	50.5	51.8	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	43.5	47.8	50.6	51.9	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 12000	43.8	48.2	51.1	52.7	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 10000	46.8	51.4	54.8	56.4	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	47.2	51.8	55.2	56.9	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 8000	48.8	53.9	57.5	59.4	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	50.6	55.9	59.5	61.4	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	50.9	56.2	59.7	61.6	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 5000	52.2	57.6	61.2	63.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4500	53.6	59.1	62.9	65.1	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4000	54.3	60.0	63.8	66.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3500	56.2	62.3	66.4	69.0	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3000	57.7	64.0	68.4	71.1	73.0	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 2500	60.7	67.1	72.4	75.3	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	64.7	71.6	77.6	81.0	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	65.3	72.3	78.4	82.2	84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	65.7	73.1	79.4	83.4	85.7	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1200	65.8	73.3	79.7	84.1	86.5	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	65.8	73.5	80.8	85.4	87.9	88.7	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	66.4	74.3	81.7	86.5	89.0	90.0	90.6	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	66.4	74.4	82.1	86.8	89.4	90.3	90.9	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	66.7	74.8	82.4	87.2	89.8	90.7	91.3	91.9	91.9	92.1	92.1	92.1	92.5	92.5	92.5	92.5
GE 600	66.7	74.9	82.7	87.4	90.1	91.0	91.9	92.6	92.6	92.8	92.8	92.8	93.2	93.2	93.2	93.2
GE 500	66.7	75.0	82.9	87.6	90.5	91.4	92.3	93.2	93.3	93.6	93.6	93.6	94.0	94.0	94.0	94.0
GE 400	66.7	75.1	83.0	88.0	90.8	91.8	92.7	93.6	93.8	94.2	94.2	94.2	94.8	94.8	94.8	94.8
GE 300	66.7	75.1	83.0	88.0	90.8	91.9	92.9	94.2	94.3	94.9	94.9	94.9	95.5	95.5	95.5	95.6
GE 200	66.7	75.1	83.2	88.1	91.0	92.1	93.2	94.5	94.6	95.3	95.5	95.5	96.3	96.6	96.8	97.5
GE 100	66.7	75.1	83.2	88.1	91.0	92.1	93.2	94.5	94.6	95.4	95.6	95.6	96.6	96.8	97.4	98.8
GE 000	66.7	75.1	83.2	88.1	91.0	92.1	93.2	94.5	94.6	95.4	95.6	95.6	96.6	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	40.9	43.3	44.5	45.3	45.5	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.1	46.2
GE 20000	40.3	44.6	47.2	48.7	49.7	49.9	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.6	50.7
GE 18000	40.5	44.9	47.5	49.0	50.0	50.2	50.6	50.6	50.7	50.7	50.8	50.8	50.8	50.8	50.9	51.0
GE 16000	40.6	44.9	47.6	49.1	50.1	50.3	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	51.0	51.1
GE 14000	41.0	45.5	48.3	49.8	50.8	51.0	51.4	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.7	51.8
GE 12000	41.6	46.1	49.0	50.6	51.6	51.8	52.1	52.3	52.3	52.3	52.4	52.4	52.5	52.5	52.5	52.6
GE 10000	44.8	49.6	52.8	54.5	55.6	55.8	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.7
GE 9000	45.1	49.9	53.0	54.7	55.8	56.1	56.4	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.9
GE 8000	46.5	51.6	55.1	57.1	58.3	58.6	58.9	59.1	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.5
GE 7000	47.2	52.5	56.0	58.0	59.3	59.7	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.5
GE 6000	47.7	53.0	56.6	58.7	60.0	60.4	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.2
GE 5000	48.7	54.2	58.1	60.2	61.7	62.1	62.5	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.9	63.0
GE 4500	49.7	55.5	59.4	61.9	63.4	63.8	64.2	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.8
GE 4000	50.3	56.1	60.2	62.7	64.3	64.7	65.1	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.7
GE 3500	51.0	57.1	61.4	64.0	65.8	66.2	66.6	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.2
GE 3000	52.4	58.6	63.1	66.0	67.9	68.4	68.8	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.3	69.4
GE 2500	54.8	61.5	66.4	69.6	71.8	72.3	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.6
GE 2000	57.2	64.6	70.1	73.6	76.1	76.8	77.4	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.3
GE 1800	57.9	65.5	71.3	75.0	77.6	78.3	79.1	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.1
GE 1500	58.8	66.8	72.9	77.1	80.3	81.1	82.1	82.6	82.6	82.8	82.9	82.9	83.0	83.0	83.1	83.2
GE 1200	59.3	67.6	74.1	78.8	82.2	83.1	84.2	84.7	84.8	85.0	85.1	85.1	85.2	85.2	85.3	85.5
GE 1000	59.5	68.1	74.9	79.8	83.5	84.5	85.7	86.4	86.5	86.7	86.9	87.0	87.1	87.1	87.2	87.3
GE 900	59.7	68.5	75.5	80.6	84.6	85.6	86.9	87.6	87.7	88.1	88.3	88.3	88.4	88.4	88.5	88.7
GE 800	60.0	68.8	75.8	81.2	85.3	86.5	88.0	88.7	88.8	89.2	89.5	89.5	89.6	89.6	89.7	89.9
GE 700	60.2	69.2	76.4	82.0	86.4	87.7	89.3	90.1	90.2	90.7	91.0	91.0	91.2	91.3	91.4	91.6
GE 600	60.3	69.3	76.7	82.4	86.9	88.3	90.0	91.0	91.2	91.7	91.9	92.0	92.2	92.3	92.4	92.6
GE 500	60.3	69.4	76.9	82.7	87.5	88.9	90.8	92.0	92.2	92.8	93.1	93.2	93.4	93.4	93.6	93.9
GE 400	60.3	69.4	77.0	83.0	87.9	89.5	91.8	93.2	93.5	94.4	94.8	94.9	95.2	95.2	95.4	95.7
GE 300	60.3	69.4	77.0	83.0	88.1	89.7	92.1	93.6	94.1	95.0	95.6	95.7	96.0	96.2	96.3	96.8
GE 200	60.3	69.4	77.0	83.1	88.2	89.8	92.3	93.8	94.3	95.5	96.2	96.4	96.8	97.1	97.5	98.2
GE 100	60.3	69.4	77.0	83.1	88.2	89.8	92.3	93.8	94.3	95.5	96.4	96.6	97.2	97.5	98.0	99.4
GE 000	60.3	69.4	77.0	83.1	88.2	89.8	92.3	93.8	94.3	95.5	96.4	96.6	97.2	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	46.9	48.3	49.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8
GE 20000	49.4	51.5	52.9	54.1	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 18000	49.4	51.5	52.9	54.1	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 16000	49.4	51.5	52.9	54.1	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 14000	49.6	51.7	53.1	54.3	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2
GE 12000	50.9	53.0	54.4	55.6	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 10000	54.3	56.7	58.3	60.0	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9
GE 9000	54.7	57.1	58.8	60.5	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5
GE 8000	55.8	58.2	60.1	62.2	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
GE 7000	56.3	59.0	61.0	63.0	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
GE 6000	56.6	59.2	61.2	63.3	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
GE 5000	58.1	61.0	63.3	65.5	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 4500	60.8	64.7	67.5	69.7	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 4000	61.6	65.9	68.7	71.0	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 3500	63.3	68.0	70.9	73.2	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
GE 3000	65.2	70.4	74.0	76.5	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
GE 2500	67.4	73.1	76.7	79.6	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
GE 2000	68.7	74.7	78.8	81.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 1800	69.6	75.6	79.8	82.7	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 1500	71.1	77.1	81.3	84.2	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 1200	72.0	78.6	83.1	86.6	89.2	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE 1000	72.0	79.4	84.1	88.0	91.1	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 900	72.0	79.4	84.3	88.5	91.7	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.7	92.7	92.7
GE 800	72.0	79.7	84.7	89.2	92.9	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.1	94.1	94.1
GE 700	72.0	79.7	84.9	89.7	94.1	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.5
GE 600	72.0	79.7	84.9	89.8	94.5	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.5	96.5	96.5
GE 500	72.0	79.7	85.1	90.0	94.7	95.8	96.5	96.8	96.8	96.8	96.9	97.0	97.1	97.1	97.1	97.1
GE 400	72.0	79.7	85.1	90.1	94.8	95.9	96.9	97.3	97.3	97.5	97.7	97.8	98.0	98.0	98.0	98.0
GE 300	72.0	79.7	85.1	90.1	94.9	96.1	97.2	97.8	97.8	98.2	98.7	99.0	99.1	99.1	99.1	99.1
GE 200	72.0	79.7	85.1	90.1	94.9	96.1	97.2	97.8	97.8	98.3	98.9	99.2	99.4	99.4	99.4	99.4
GE 100	72.0	79.7	85.1	90.1	94.9	96.1	97.2	97.8	97.8	98.3	98.9	99.5	99.8	99.8	99.8	99.9
GE 000	72.0	79.7	85.1	90.1	94.9	96.1	97.2	97.8	97.8	98.3	98.9	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	45.4	45.9	48.0	48.8	48.9	49.0	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.5
GE 20000	45.5	48.5	49.2	51.6	52.7	52.8	52.9	53.1	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.4
GE 18000	45.6	48.6	49.4	51.7	52.8	52.9	53.0	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.5
GE 16000	45.6	48.7	49.5	51.8	52.9	53.0	53.1	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.7
GE 14000	45.6	48.7	49.5	51.8	52.9	53.0	53.1	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.7
GE 12000	46.3	49.5	50.3	52.7	53.8	53.9	54.0	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.5
GE 10000	49.0	52.8	53.9	56.7	57.7	58.1	58.2	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.7
GE 9000	49.4	53.1	54.2	57.0	58.1	58.4	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.0
GE 8000	51.7	55.8	57.1	60.2	61.3	61.6	61.7	61.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.3
GE 7000	52.8	57.1	58.6	61.7	62.8	63.1	63.2	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.8
GE 6000	53.7	58.2	59.8	63.0	64.2	64.5	64.6	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.2
GE 5000	55.3	60.1	62.0	65.3	66.5	66.8	66.9	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4
GE 4500	57.7	63.0	65.5	68.8	70.1	70.4	70.5	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1
GE 4000	58.4	63.7	66.2	69.6	71.1	71.4	71.5	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0
GE 3500	59.8	65.7	68.4	71.8	73.3	73.7	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.3
GE 3000	61.6	67.8	70.6	74.3	76.0	76.3	76.5	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0
GE 2500	63.0	69.8	73.1	77.3	79.1	79.6	79.7	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.2
GE 2000	65.1	72.7	76.0	80.3	82.2	82.6	82.7	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.2
GE 1800	65.6	73.2	76.6	81.0	82.8	83.2	83.3	83.5	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.9
GE 1500	66.8	74.4	78.0	82.9	84.8	85.3	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0
GE 1200	67.3	75.3	78.9	84.3	86.3	86.8	87.2	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7
GE 1000	67.5	75.9	79.9	85.4	87.5	88.0	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2
GE 900	67.8	76.5	80.5	86.0	88.6	89.0	89.8	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.6
GE 800	68.0	76.7	81.0	86.6	89.6	90.0	90.9	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.7
GE 700	68.1	77.2	82.0	87.7	91.2	91.8	92.7	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5
GE 600	68.1	77.2	82.0	87.7	91.3	92.5	93.5	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4
GE 500	68.1	77.3	82.2	88.1	91.8	93.5	94.9	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.5
GE 400	68.1	77.3	82.3	88.3	92.0	93.9	95.5	96.8	97.1	97.7	98.0	98.1	98.1	98.1	98.1	98.2
GE 300	68.1	77.3	82.3	88.4	92.3	94.1	95.7	97.1	97.4	98.3	98.7	98.8	98.8	98.8	98.8	98.9
GE 200	68.1	77.3	82.3	88.4	92.3	94.1	95.7	97.2	97.5	98.4	98.8	98.9	98.9	98.9	98.9	99.0
GE 100	68.1	77.3	82.3	88.4	92.3	94.1	95.7	97.2	97.5	98.4	99.2	99.4	99.5	99.5	99.5	99.6
GE 000	68.1	77.3	82.3	88.4	92.3	94.1	95.7	97.2	97.5	98.4	99.2	99.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.0	36.7	40.4	42.6	44.3	44.4	44.5	44.6	44.7	44.8	44.8	44.8	44.8	44.9	45.3	45.7
GE 20000	33.8	40.0	44.1	46.8	48.6	48.9	49.0	49.2	49.4	49.5	49.5	49.5	49.5	49.6	49.9	50.3
GE 18000	33.8	40.0	44.1	46.8	48.6	48.9	49.0	49.2	49.4	49.5	49.5	49.5	49.5	49.6	49.9	50.3
GE 16000	33.8	40.0	44.1	46.8	48.6	48.9	49.0	49.2	49.4	49.5	49.5	49.5	49.5	49.6	49.9	50.3
GE 14000	34.1	40.4	44.7	47.4	49.2	49.6	49.7	49.9	50.0	50.1	50.1	50.1	50.1	50.2	50.5	51.0
GE 12000	35.2	41.7	46.1	49.0	50.9	51.2	51.3	51.5	51.6	51.7	51.7	51.7	51.7	51.8	52.2	52.6
GE 10000	37.1	44.3	49.5	52.5	54.6	54.9	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.7	56.0	56.5
GE 9000	37.2	44.5	49.7	52.7	54.8	55.2	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.9	56.2	56.7
GE 8000	40.1	47.6	53.1	56.2	58.5	58.8	58.9	59.2	59.4	59.5	59.5	59.5	59.5	59.6	59.9	60.3
GE 7000	41.8	49.6	55.2	58.4	60.8	61.1	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.8	62.2	62.6
GE 6000	42.5	50.3	56.0	59.2	61.6	61.9	62.0	62.4	62.5	62.6	62.6	62.6	62.6	62.7	63.0	63.4
GE 5000	43.2	51.4	57.1	60.6	63.7	64.0	64.1	64.4	64.5	64.6	64.6	64.6	64.6	64.7	65.1	65.5
GE 4500	44.5	53.2	59.5	63.2	66.3	66.9	67.0	67.3	67.4	67.5	67.5	67.5	67.5	67.6	68.0	68.4
GE 4000	45.2	53.9	60.1	64.0	67.2	67.7	67.8	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.8	69.2
GE 3500	45.6	54.5	60.9	65.1	68.3	68.8	68.9	69.2	69.4	69.5	69.5	69.5	69.5	69.6	69.9	70.3
GE 3000	47.5	56.8	63.3	67.6	71.0	71.5	71.7	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.7	73.1
GE 2500	49.1	58.5	65.5	70.3	73.9	74.4	74.7	75.2	75.3	75.4	75.4	75.4	75.4	75.5	75.8	76.2
GE 2000	50.8	60.8	68.0	73.0	76.9	77.5	77.8	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.9	79.4
GE 1800	51.7	61.9	69.4	74.4	78.4	79.0	79.4	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.4	80.9
GE 1500	52.6	63.2	71.2	76.8	81.1	82.0	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.2	83.5	84.0
GE 1200	53.3	64.8	72.9	78.5	83.4	84.5	84.8	85.4	85.5	85.6	85.6	85.6	85.6	85.7	86.0	86.5
GE 1000	53.4	65.2	73.3	79.5	84.8	86.0	86.7	87.2	87.3	87.4	87.4	87.4	87.4	87.5	87.8	88.3
GE 900	53.8	65.5	74.0	80.1	85.7	87.0	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.8	89.2
GE 800	53.8	65.9	75.1	81.8	87.7	89.0	89.9	90.5	90.8	90.9	90.9	90.9	90.9	91.0	91.3	91.7
GE 700	53.8	66.1	75.4	82.4	88.7	90.8	91.9	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.5	94.0
GE 600	53.8	66.1	75.4	82.4	89.2	91.5	92.8	93.8	94.0	94.2	94.2	94.2	94.2	94.3	94.6	95.1
GE 500	53.8	66.1	75.4	82.4	89.5	92.0	93.8	95.2	95.7	96.1	96.2	96.2	96.2	96.3	96.7	97.1
GE 400	53.8	66.1	75.5	82.6	89.7	92.4	94.2	95.6	96.3	96.9	97.1	97.1	97.2	97.3	97.6	98.1
GE 300	53.8	66.1	75.5	82.6	89.7	92.4	94.2	95.7	96.7	97.4	97.7	97.8	98.1	98.2	98.5	98.9
GE 200	53.8	66.1	75.5	82.6	89.7	92.4	94.2	95.7	96.7	97.4	98.1	98.2	98.6	98.7	99.0	99.6
GE 100	53.8	66.1	75.5	82.6	89.7	92.4	94.2	95.7	96.7	97.4	98.1	98.2	98.6	98.7	99.0	99.7
GE 000	53.8	66.1	75.5	82.6	89.7	92.4	94.2	95.7	96.7	97.4	98.1	98.2	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	44.0	46.8	48.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	41.0	47.3	50.4	51.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 18000	41.0	47.3	50.4	51.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 16000	41.1	47.5	50.6	51.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	41.1	47.5	50.6	51.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	42.3	48.7	51.8	53.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 10000	43.9	50.9	54.1	55.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	44.1	51.1	54.3	55.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	46.7	54.4	57.7	59.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 7000	47.8	55.9	59.4	60.9	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 6000	47.8	55.9	59.4	60.9	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 5000	49.0	57.7	61.6	63.2	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	50.5	59.4	63.5	65.3	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	51.0	60.0	64.2	65.9	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	51.4	60.4	64.7	66.8	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3000	53.3	62.6	67.0	69.2	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2500	54.8	64.3	68.9	71.4	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2000	57.8	68.3	73.0	75.9	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1800	58.3	69.0	74.2	77.2	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1500	59.9	71.1	76.7	79.7	82.8	83.2	83.4	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	60.4	72.3	78.0	81.7	85.1	85.6	85.8	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1000	60.8	73.0	78.9	83.3	86.9	87.5	87.7	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 900	60.9	73.1	79.0	83.4	87.3	88.0	88.4	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	60.9	73.1	79.1	84.0	88.5	89.2	90.3	91.0	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	61.2	73.5	79.7	85.4	90.3	91.5	93.0	94.0	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.9
GE 600	61.2	73.7	79.8	85.6	91.1	92.4	93.9	95.2	95.5	96.0	96.2	96.2	96.2	96.2	96.2	96.3
GE 500	61.2	73.7	79.9	85.7	91.7	93.0	94.6	96.3	96.7	97.2	97.4	97.4	97.5	97.5	97.5	97.6
GE 400	61.2	73.7	79.9	85.7	91.8	93.4	95.4	97.2	97.5	98.2	98.6	98.6	98.7	98.7	98.7	98.8
GE 300	61.2	73.7	79.9	85.7	91.9	93.5	95.6	97.4	97.7	98.5	99.0	99.0	99.1	99.1	99.1	99.2
GE 200	61.2	73.7	79.9	85.7	91.9	93.5	95.6	97.4	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.8
GE 100	61.2	73.7	79.9	85.7	91.9	93.5	95.6	97.4	97.7	98.5	99.2	99.2	99.5	99.6	99.7	100.0
GE 000	61.2	73.7	79.9	85.7	91.9	93.5	95.6	97.4	97.7	98.5	99.2	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	44.9	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 20000	47.5	49.8	50.6	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	47.7	50.0	50.9	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	47.7	50.0	50.9	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	48.5	50.9	51.7	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 12000	48.9	51.3	52.2	52.8	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 10000	51.0	54.2	55.3	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 9000	51.1	54.3	55.4	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 8000	53.7	57.2	58.3	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 7000	54.1	57.6	58.7	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	54.3	57.8	58.9	59.6	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 5000	55.5	59.5	60.8	61.4	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 4500	55.7	59.8	61.1	61.7	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4000	57.8	62.0	63.3	64.0	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3500	59.1	63.4	64.7	65.7	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3000	61.6	66.1	68.0	68.9	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2500	65.2	70.5	72.7	74.0	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 2000	68.9	75.4	78.3	80.0	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	69.4	75.9	79.1	81.0	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	70.1	77.4	81.3	83.7	85.3	85.7	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	70.6	78.8	83.9	86.5	88.2	88.7	88.8	89.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	70.9	79.6	85.3	88.5	91.0	91.7	91.8	92.0	92.0	92.3	92.4	92.4	92.4	92.5	92.5	92.5
GE 900	71.1	80.0	85.8	89.2	91.8	92.6	92.9	93.1	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5
GE 800	71.2	80.3	86.6	90.8	94.2	95.1	95.5	95.7	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.2
GE 700	71.2	80.4	86.9	91.2	94.9	95.9	96.3	97.1	97.1	97.4	97.5	97.5	97.5	97.6	97.6	97.6
GE 600	71.2	80.4	86.9	91.4	95.5	96.6	97.0	97.7	97.7	98.2	98.3	98.3	98.3	98.4	98.4	98.4
GE 500	71.2	80.4	86.9	91.4	95.5	96.6	97.3	98.2	98.2	98.6	98.7	98.7	98.7	98.8	98.8	98.8
GE 400	71.2	80.4	86.9	91.4	95.5	96.7	97.4	98.5	98.5	99.0	99.1	99.1	99.4	99.7	99.7	99.7
GE 300	71.2	80.4	86.9	91.4	95.5	96.8	97.5	98.7	98.7	99.4	99.5	99.5	99.7	100.0	100.0	100.0
GE 200	71.2	80.4	86.9	91.4	95.5	96.8	97.5	98.7	98.7	99.4	99.5	99.5	99.7	100.0	100.0	100.0
GE 100	71.2	80.4	86.9	91.4	95.5	96.8	97.5	98.7	98.7	99.4	99.5	99.5	99.7	100.0	100.0	100.0
GE 000	71.2	80.4	86.9	91.4	95.5	96.8	97.5	98.7	98.7	99.4	99.5	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	45.1	45.3	45.9	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 20000	50.4	51.9	52.4	53.0	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	50.4	51.9	52.4	53.0	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	50.4	51.9	52.4	53.1	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	51.3	52.8	53.2	54.0	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000	52.0	53.8	54.2	55.1	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	54.3	56.6	57.0	57.8	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	54.3	56.6	57.0	57.8	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	56.9	59.1	59.6	60.5	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 7000	57.3	59.8	60.3	61.3	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000	57.6	60.1	60.6	61.6	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	59.2	62.4	63.3	64.4	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	60.4	63.8	65.1	66.3	67.3	67.3	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	61.7	65.2	66.7	68.0	68.9	68.9	68.9	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	64.7	68.6	70.2	71.5	72.5	72.5	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	66.3	70.5	72.2	73.5	74.5	74.5	74.6	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2500	70.3	75.8	77.7	79.5	80.6	80.8	80.9	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	72.4	78.8	81.1	83.0	84.7	84.9	85.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	72.7	79.6	82.0	84.3	86.1	86.3	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	73.0	80.3	83.3	85.8	87.6	87.8	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	73.0	80.9	84.6	87.2	89.1	89.5	89.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	73.0	81.0	85.2	88.0	90.2	90.6	91.1	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	73.1	81.3	85.9	88.9	91.3	91.8	92.3	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	73.2	81.6	86.7	90.5	93.7	94.4	94.9	95.7	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	73.2	81.6	86.8	90.8	94.5	95.3	95.8	96.6	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 600	73.2	81.6	86.8	90.9	94.8	95.6	96.1	97.0	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	73.2	81.6	86.8	90.9	94.8	95.8	96.3	97.5	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5
GE 400	73.2	81.6	86.8	90.9	94.8	96.2	97.0	98.2	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	73.2	81.6	86.8	90.9	94.8	96.2	97.1	98.4	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	73.2	81.6	86.8	90.9	94.8	96.2	97.1	98.4	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	73.2	81.6	86.8	90.9	94.8	96.2	97.1	98.4	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	73.2	81.6	86.8	90.9	94.8	96.2	97.1	98.4	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	46.7	47.3	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	50.8	52.6	53.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 18000	50.8	52.6	53.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000	50.8	52.6	53.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	51.6	53.7	54.3	55.5	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000	52.5	54.5	55.3	56.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	55.2	57.2	58.0	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 9000	55.6	57.6	58.4	59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	57.5	60.0	60.9	62.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	58.0	60.5	61.5	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	58.3	61.0	62.0	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	61.4	64.5	65.8	67.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	63.5	67.1	68.4	70.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	64.6	68.4	69.7	71.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	65.7	70.0	71.5	73.8	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	67.8	72.2	73.9	76.3	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500	69.9	74.9	77.6	80.4	81.9	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	71.4	77.3	80.2	83.3	85.3	85.5	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	71.7	77.7	80.8	84.0	85.9	86.2	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	72.5	79.0	82.3	85.8	88.2	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	72.5	79.1	82.8	86.7	89.1	90.1	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	72.6	79.6	83.8	88.0	90.9	92.0	92.5	92.6	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	72.7	79.7	84.1	88.3	91.5	92.8	93.5	93.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	72.7	79.8	84.3	88.9	92.2	94.0	95.4	95.6	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	72.7	79.9	84.4	89.0	92.7	94.5	96.0	96.5	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	72.7	80.0	84.5	89.1	92.9	94.7	96.3	96.9	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	72.7	80.0	84.6	89.5	93.4	95.5	97.2	98.1	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	72.7	80.0	84.6	89.6	93.5	95.6	97.3	98.3	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	72.7	80.0	84.6	89.6	93.7	95.8	97.5	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	72.7	80.0	84.6	89.6	93.7	95.8	97.5	98.6	98.8	99.1	99.7	99.7	99.7	99.8	99.8	99.9
GE 100	72.7	80.0	84.6	89.6	93.7	95.8	97.5	98.6	98.8	99.1	99.7	99.7	99.7	99.9	99.9	100.0
GE 000	72.7	80.0	84.6	89.6	93.7	95.8	97.5	98.6	98.8	99.1	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	47.3	48.3	49.6	50.5	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	49.5	51.9	53.0	54.3	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	49.5	51.9	53.0	54.3	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 16000	49.5	51.9	53.0	54.3	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 14000	50.5	53.0	54.1	55.4	56.5	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	51.9	54.4	55.5	56.8	57.8	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 10000	55.5	58.0	59.0	60.6	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	55.7	58.2	59.2	60.9	61.9	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 8000	57.6	60.5	61.8	63.8	64.8	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	58.6	61.6	63.0	64.9	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 6000	59.2	62.4	63.8	65.7	66.8	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	62.3	65.4	67.2	69.1	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4500	64.0	67.5	69.7	71.9	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	64.3	68.1	70.2	72.5	73.5	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	66.2	70.5	72.9	75.2	76.2	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	68.4	73.0	75.5	77.8	78.9	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	70.0	75.5	78.4	81.1	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	71.6	77.3	80.5	83.3	84.9	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	72.2	77.8	81.1	84.1	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	73.3	79.1	82.7	85.8	88.0	88.2	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	73.5	80.1	83.9	87.2	89.7	90.0	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	73.5	80.6	84.8	88.4	91.6	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	73.7	81.1	85.7	89.5	93.2	94.0	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	73.8	81.3	86.0	90.4	94.4	95.2	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	73.8	81.4	86.3	90.9	95.1	95.9	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	73.8	81.4	86.3	91.0	95.3	96.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	73.9	81.5	86.5	91.2	95.7	96.7	97.7	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	73.9	81.5	86.5	91.3	95.9	96.9	98.2	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 300	73.9	81.5	86.5	91.3	95.9	96.9	98.3	98.7	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	73.9	81.5	86.5	91.3	95.9	96.9	98.3	98.7	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	73.9	81.5	86.5	91.3	95.9	96.9	98.3	98.7	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	73.9	81.5	86.5	91.3	95.9	96.9	98.3	98.7	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	44.6	46.0	47.3	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4
GE 20000	46.0	49.2	50.7	52.1	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5
GE 18000	46.0	49.2	50.8	52.2	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5
GE 16000	46.0	49.3	50.8	52.2	53.2	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6
GE 14000	46.5	49.8	51.4	52.8	53.9	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.3
GE 12000	47.5	50.9	52.5	54.0	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.5
GE 10000	50.0	53.8	55.6	57.3	58.5	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9
GE 9000	50.3	54.1	55.9	57.6	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2
GE 8000	52.5	56.6	58.6	60.5	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1
GE 7000	53.3	57.6	59.7	61.6	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 6000	53.8	58.1	60.2	62.2	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.9
GE 5000	55.5	60.2	62.6	64.7	66.1	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
GE 4500	57.2	62.3	65.0	67.2	68.6	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2
GE 4000	58.1	63.4	66.1	68.3	69.8	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4
GE 3500	59.5	65.1	68.0	70.4	71.9	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5
GE 3000	61.5	67.4	70.6	73.0	74.7	74.9	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4
GE 2500	63.7	70.3	73.8	76.7	78.5	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 2000	65.8	73.2	77.0	80.1	82.2	82.5	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 1800	66.4	73.9	77.9	81.1	83.2	83.5	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 1500	67.4	75.2	79.6	83.1	85.5	86.0	86.2	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7
GE 1200	67.8	76.2	81.0	84.8	87.3	88.1	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.9	88.9	89.0
GE 1000	68.0	76.8	81.9	86.1	89.2	89.9	90.3	90.6	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0
GE 900	68.1	77.1	82.4	86.7	90.1	90.9	91.4	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.2	92.2
GE 800	68.2	77.3	82.9	87.8	91.6	92.6	93.3	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.2
GE 700	68.2	77.5	83.3	88.4	92.7	93.8	94.7	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.8	95.8
GE 600	68.2	77.5	83.3	88.5	93.1	94.4	95.4	96.0	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.7
GE 500	68.3	77.5	83.4	88.6	93.4	94.9	96.0	97.0	97.2	97.5	97.6	97.7	97.7	97.7	97.8	97.8
GE 400	68.3	77.5	83.4	88.7	93.5	95.1	96.5	97.6	97.9	98.3	98.5	98.5	98.6	98.7	98.7	98.8
GE 300	68.3	77.5	83.4	83.7	93.6	95.2	96.6	97.8	98.2	98.7	99.0	99.0	99.2	99.2	99.3	99.3
GE 200	68.3	77.5	83.4	88.7	93.6	95.2	96.6	97.8	98.2	98.8	99.2	99.3	99.5	99.5	99.6	99.7
GE 100	68.3	77.5	83.4	88.7	93.6	95.2	96.6	97.8	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.9
GE 000	68.3	77.5	83.4	88.7	93.6	95.2	96.6	97.8	98.2	98.8	99.3	99.4	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	54.3	54.6	55.9	56.7	56.7	56.8	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3
GE 20000	55.8	58.7	59.0	60.3	61.3	61.3	61.4	61.6	61.6	61.7	61.8	61.8	61.9	61.9	62.0	62.0
GE 18000	55.8	58.7	59.0	60.3	61.3	61.3	61.4	61.6	61.6	61.7	61.8	61.8	61.9	61.9	62.0	62.0
GE 16000	55.8	58.7	59.0	60.3	61.3	61.3	61.4	61.6	61.6	61.7	61.8	61.8	61.9	61.9	62.0	62.0
GE 14000	56.1	59.0	59.3	60.7	61.7	61.7	61.8	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.3	62.3
GE 12000	57.3	60.2	60.7	62.0	63.0	63.0	63.1	63.2	63.2	63.3	63.4	63.4	63.6	63.6	63.7	63.7
GE 10000	59.8	62.9	63.4	64.8	65.8	65.8	65.9	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.4
GE 9000	60.1	63.2	63.8	65.1	66.1	66.1	66.2	66.3	66.3	66.4	66.6	66.6	66.7	66.7	66.8	66.8
GE 8000	62.8	66.3	67.1	68.6	69.6	69.6	69.7	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.2
GE 7000	64.0	67.7	68.4	69.9	70.9	70.9	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.6	71.6
GE 6000	65.0	68.7	69.6	71.0	72.0	72.0	72.1	72.2	72.2	72.3	72.4	72.4	72.6	72.6	72.7	72.7
GE 5000	67.3	72.0	72.9	74.3	75.3	75.3	75.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	76.0	76.0
GE 4500	69.7	74.6	75.9	77.7	78.9	78.9	79.1	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.7	79.7
GE 4000	70.3	75.7	77.0	79.0	80.6	80.6	80.8	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.3	81.3
GE 3500	71.7	77.6	79.0	81.7	83.3	83.3	83.6	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.1	84.1
GE 3000	73.4	79.7	81.6	84.7	86.4	86.4	86.7	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.2	87.2
GE 2500	74.1	80.8	83.0	86.1	87.9	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.6	88.6	88.7	88.7
GE 2000	74.9	81.8	84.1	87.2	89.2	89.2	89.6	89.7	89.7	89.8	89.9	89.9	90.0	90.0	90.1	90.1
GE 1800	75.3	82.2	84.6	87.7	89.8	89.8	90.1	90.2	90.2	90.3	90.4	90.4	90.6	90.6	90.7	90.7
GE 1500	76.0	83.3	86.0	89.4	91.7	91.7	92.0	92.1	92.1	92.2	92.3	92.3	92.4	92.4	92.6	92.6
GE 1200	76.6	84.1	87.0	90.9	93.3	93.3	93.7	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.2
GE 1000	77.0	84.9	88.0	92.6	95.0	95.2	95.7	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.2
GE 900	77.0	84.9	88.1	92.8	95.4	95.8	96.2	96.3	96.3	96.4	96.6	96.6	96.7	96.7	96.8	96.8
GE 800	77.0	84.9	88.1	92.9	95.6	96.0	96.4	96.6	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 700	77.0	84.9	88.1	93.0	95.7	96.1	96.6	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1
GE 600	77.0	84.9	88.1	93.0	96.0	96.4	96.9	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.4	97.4
GE 500	77.0	85.1	88.3	93.2	96.2	96.7	97.2	97.3	97.3	97.4	97.6	97.6	97.7	97.7	98.1	98.1
GE 400	77.0	85.3	88.6	93.4	96.8	97.2	97.8	98.0	98.0	98.2	98.4	98.4	98.6	98.6	99.0	99.0
GE 300	77.0	85.3	88.6	93.4	96.9	97.6	98.1	98.3	98.3	98.6	98.9	99.0	99.1	99.1	99.6	99.6
GE 200	77.0	85.3	88.6	93.4	96.9	97.6	98.1	98.3	98.3	98.6	98.9	99.0	99.1	99.1	99.6	99.7
GE 100	77.0	85.3	88.6	93.4	96.9	97.6	98.1	98.3	98.3	98.6	98.9	99.0	99.3	99.3	99.9	100.0
GE 000	77.0	85.3	88.6	93.4	96.9	97.6	98.1	98.3	98.3	98.6	98.9	99.0	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	48.6	50.3	51.7	52.7	52.8	53.2	53.2	53.3	53.4	53.4	53.4	53.6	53.6	53.6	53.8
GE 20000	50.0	52.4	54.4	56.2	57.6	57.7	58.1	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.7
GE 18000	50.0	52.4	54.4	56.2	57.6	57.7	58.1	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.7
GE 16000	50.0	52.4	54.4	56.2	57.6	57.7	58.1	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.7
GE 14000	50.6	53.0	55.0	56.8	58.1	58.2	58.7	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.2
GE 12000	52.0	54.4	56.4	58.2	59.6	59.7	60.1	60.1	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.7
GE 10000	55.9	58.4	60.6	62.3	63.7	63.8	64.2	64.2	64.3	64.4	64.4	64.4	64.6	64.6	64.6	64.8
GE 9000	56.7	59.2	61.3	63.1	64.4	64.6	65.0	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.6
GE 8000	59.9	63.1	65.4	67.3	68.7	68.8	69.2	69.2	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.8
GE 7000	60.4	64.0	66.4	68.3	69.7	69.8	70.2	70.2	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.8
GE 6000	61.0	64.6	67.1	69.0	70.3	70.4	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.4
GE 5000	63.6	67.3	70.1	72.3	73.8	73.9	74.3	74.3	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.9
GE 4500	65.3	69.6	72.6	74.8	76.9	77.0	77.4	77.4	77.6	77.7	77.7	77.7	77.8	77.8	77.8	78.0
GE 4000	65.6	69.8	73.0	75.2	77.4	77.6	78.0	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.6
GE 3500	67.3	72.2	75.7	77.9	80.1	80.2	80.7	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.2
GE 3000	68.8	74.2	78.0	80.3	83.0	83.2	83.7	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.2
GE 2500	70.6	76.6	80.7	83.2	85.9	86.1	86.6	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	87.1
GE 2000	72.2	78.7	83.1	85.8	88.4	88.7	89.1	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.7
GE 1800	72.6	79.1	83.6	86.4	89.1	89.3	89.8	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.3
GE 1500	73.3	80.1	84.8	87.8	90.6	90.8	91.3	91.3	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.9
GE 1200	73.4	80.4	85.3	88.4	91.3	91.7	92.2	92.2	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.8
GE 1000	74.1	81.2	86.6	90.1	93.4	93.8	94.4	94.4	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.1
GE 900	74.4	81.9	87.3	91.0	94.6	94.9	95.6	95.6	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.2
GE 800	74.6	82.3	87.9	91.6	95.2	95.8	96.6	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.3
GE 700	74.6	82.3	87.9	91.6	95.6	96.1	96.9	96.9	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.8
GE 600	74.6	82.3	87.9	91.6	95.6	96.1	96.9	96.9	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.8
GE 500	74.6	82.4	88.0	91.8	95.8	96.3	97.1	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.9	98.1
GE 400	74.6	82.6	88.2	92.0	96.3	96.9	97.7	97.7	97.9	98.1	98.2	98.3	98.4	98.4	98.6	98.8
GE 300	74.6	82.8	88.4	92.3	96.7	97.2	98.0	98.2	98.4	98.7	98.8	98.9	99.0	99.0	99.1	99.3
GE 200	74.6	82.8	88.4	92.3	96.7	97.2	98.0	98.2	98.4	98.7	98.8	98.9	99.0	99.0	99.2	99.8
GE 100	74.6	82.8	88.4	92.3	96.7	97.2	98.0	98.2	98.4	98.7	98.8	98.9	99.2	99.2	99.4	100.0
GE 000	74.6	82.8	88.4	92.3	96.7	97.2	98.0	98.2	98.4	98.7	98.8	98.9	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.1	44.4	48.4	49.7	50.2	50.2	50.4	50.8	50.8	51.0	51.0	51.1	51.2	51.2	51.4	51.6
GE 20000	40.6	48.4	53.2	54.4	55.1	55.1	55.3	55.7	55.7	55.9	55.9	56.0	56.1	56.1	56.3	56.4
GE 18000	40.9	48.8	53.6	54.8	55.4	55.4	55.7	56.0	56.0	56.2	56.2	56.3	56.4	56.4	56.7	56.8
GE 16000	40.9	48.8	53.6	54.8	55.4	55.4	55.7	56.0	56.0	56.2	56.2	56.3	56.4	56.4	56.7	56.8
GE 14000	42.0	50.3	55.1	56.4	57.2	57.2	57.4	57.8	57.8	58.0	58.0	58.1	58.2	58.2	58.4	58.6
GE 12000	43.0	51.3	56.2	57.7	58.4	58.4	58.7	59.0	59.0	59.2	59.2	59.3	59.4	59.4	59.7	59.8
GE 10000	45.9	55.2	60.6	62.0	63.0	63.1	63.3	63.7	63.7	63.9	63.9	64.0	64.1	64.1	64.3	64.4
GE 9000	46.0	55.3	60.7	62.1	63.1	63.2	63.4	63.8	63.8	64.0	64.0	64.1	64.2	64.2	64.4	64.6
GE 8000	49.3	59.0	64.6	66.0	67.0	67.1	67.3	67.7	67.7	67.9	67.9	68.0	68.1	68.1	68.3	68.4
GE 7000	50.0	59.9	65.6	67.0	68.0	68.1	68.3	68.7	68.7	68.9	68.9	69.0	69.1	69.1	69.3	69.4
GE 6000	50.6	60.4	66.2	67.7	68.7	68.8	69.0	69.3	69.3	69.6	69.6	69.7	69.8	69.8	70.0	70.1
GE 5000	51.4	61.3	67.7	69.6	70.7	70.8	71.0	71.3	71.3	71.6	71.6	71.7	71.8	71.8	72.0	72.1
GE 4500	54.0	64.1	71.0	72.9	74.4	74.7	74.9	75.3	75.3	75.6	75.6	75.7	75.8	75.8	76.0	76.1
GE 4000	54.2	64.3	71.4	73.3	74.9	75.1	75.4	75.9	75.9	76.1	76.1	76.2	76.3	76.3	76.6	76.7
GE 3500	56.0	66.4	73.8	75.8	77.4	77.7	78.0	78.4	78.4	78.7	78.7	78.8	78.9	78.9	79.1	79.2
GE 3000	57.9	68.8	76.1	78.3	80.3	80.6	80.9	81.3	81.3	81.6	81.6	81.7	81.8	81.8	82.0	82.1
GE 2500	59.7	71.3	78.9	81.4	83.6	83.8	84.1	84.6	84.6	84.8	84.8	84.9	85.0	85.0	85.2	85.3
GE 2000	60.9	73.0	80.7	83.8	86.2	86.4	87.0	87.6	87.6	87.8	87.8	87.9	88.0	88.0	88.2	88.3
GE 1800	61.4	73.6	81.4	84.7	87.1	87.3	88.0	88.6	88.6	88.8	88.8	88.9	89.0	89.0	89.2	89.3
GE 1500	62.2	74.8	83.1	86.6	89.2	89.7	90.3	90.9	90.9	91.1	91.1	91.2	91.3	91.3	91.6	91.7
GE 1200	62.4	75.6	84.0	87.4	90.2	90.7	91.3	91.9	91.9	92.1	92.1	92.2	92.3	92.3	92.6	92.7
GE 1000	62.7	76.1	85.0	88.8	92.2	92.7	93.4	94.0	94.0	94.2	94.2	94.3	94.4	94.4	94.7	94.8
GE 900	62.8	76.3	85.3	89.3	92.9	93.3	94.1	94.7	94.7	94.9	94.9	95.1	95.2	95.4	95.7	95.8
GE 800	63.1	77.1	86.1	90.3	94.0	94.4	95.2	95.8	95.8	96.0	96.0	96.2	96.3	96.6	96.8	96.9
GE 700	63.1	77.1	86.2	90.4	94.2	94.8	95.6	96.1	96.1	96.3	96.3	96.6	96.7	96.9	97.1	97.2
GE 600	63.1	77.1	86.2	90.4	94.2	94.8	95.6	96.1	96.1	96.3	96.3	96.6	96.7	96.9	97.1	97.2
GE 500	63.1	77.1	86.4	90.7	94.6	95.2	96.1	96.8	96.8	97.0	97.0	97.2	97.3	97.6	97.8	97.9
GE 400	63.1	77.1	86.4	90.7	94.7	95.4	96.8	97.4	97.4	97.8	97.8	98.0	98.1	98.3	98.7	98.9
GE 300	63.1	77.1	86.4	90.7	94.7	95.6	97.0	97.9	98.1	98.6	98.6	98.8	99.0	99.2	99.6	99.8
GE 200	63.1	77.1	86.4	90.7	94.7	95.6	97.0	97.9	98.1	98.6	98.6	98.8	99.0	99.2	99.7	100.0
GE 100	63.1	77.1	86.4	90.7	94.7	95.6	97.0	97.9	98.1	98.6	98.6	98.8	99.0	99.2	99.7	100.0
GE 000	63.1	77.1	86.4	90.7	94.7	95.6	97.0	97.9	98.1	98.6	98.6	98.8	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	51.3	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	53.8	57.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	54.1	58.3	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	54.1	58.3	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	54.3	58.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	56.2	60.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	58.0	63.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 9000	58.1	63.3	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	60.6	66.3	67.4	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	61.2	67.0	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	61.4	67.2	68.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 5000	63.2	69.3	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	64.4 <sup>*</sup>	70.7	72.1	72.7	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	65.4	71.8	73.4	74.1	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	67.3	74.0	75.9	76.6	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	68.9	75.7	77.6	78.3	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	73.0	80.6	82.9	83.9	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	75.3	83.9	86.9	87.9	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	76.0	84.9	88.0	89.0	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	77.3	86.4	89.8	90.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	78.0	87.1	90.7	91.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	78.0	87.2	91.2	92.8	94.2	94.2	94.6	94.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	78.1	87.3	91.8	93.4	94.9	94.9	95.3	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	78.2	87.6	92.0	93.8	95.4	95.7	96.1	96.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	78.2	87.7	92.1	94.1	95.8	96.0	96.4	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	78.2	87.7	92.2	94.2	95.9	96.1	96.7	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	78.2	87.7	92.3	94.3	96.2	96.6	97.4	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	78.3	87.8	92.6	94.6	96.8	97.2	98.1	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	78.3	87.8	92.6	94.6	96.8	97.2	98.1	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	78.3	87.8	92.6	94.6	96.8	97.2	98.1	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.3	87.8	92.6	94.6	96.8	97.2	98.1	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.3	87.8	92.6	94.6	96.8	97.2	98.1	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	57.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	57.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 16000	57.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	58.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	59.6	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	61.7	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	61.7	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	64.8	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	65.8	70.2	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	66.3	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	68.1	72.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	69.4	74.2	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	70.4	75.7	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3500	72.6	78.1	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	74.9	80.4	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	79.1	84.8	85.9	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	81.6	87.6	88.8	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	82.1	88.2	89.4	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	83.1	89.6	91.6	92.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	83.7	90.1	92.1	93.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	83.9	90.3	92.7	94.3	95.8	96.0	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	84.0	90.4	93.0	94.7	96.1	96.3	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	84.0	90.4	93.1	94.9	96.3	96.6	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	84.0	90.4	93.1	95.1	96.6	96.8	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	84.0	90.4	93.1	95.1	96.7	97.1	97.4	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	84.0	90.4	93.2	95.2	96.9	97.4	98.0	98.4	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.1
GE 400	84.0	90.4	93.2	95.2	97.0	97.7	98.3	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4
GE 300	84.0	90.4	93.2	95.2	97.0	97.7	98.4	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.9
GE 200	84.0	90.4	93.2	95.2	97.0	97.7	98.4	99.0	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0
GE 100	84.0	90.4	93.2	95.2	97.0	97.7	98.4	99.0	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0
GE 000	84.0	90.4	93.2	95.2	97.0	97.7	98.4	99.0	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	56.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	56.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	56.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	57.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	59.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	62.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	63.0	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	65.7	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	67.0	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 6000	68.1	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 5000	70.8	73.4	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	73.7	76.6	77.6	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	75.6	78.7	79.7	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	77.3	80.9	81.9	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	79.1	83.1	84.8	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	82.0	86.9	88.8	89.6	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	83.4	89.1	91.2	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	83.7	89.7	91.9	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	84.8	91.6	94.1	95.2	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	85.1	91.9	95.2	96.6	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	85.6	92.3	95.9	97.2	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	85.6	92.3	96.0	97.3	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	85.6	92.4	96.1	97.6	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	85.6	92.4	96.1	97.6	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	85.6	92.4	96.1	97.6	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	85.6	92.4	96.1	97.6	98.9	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	85.6	92.4	96.1	97.6	98.9	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	85.6	92.4	96.1	97.6	99.0	99.1	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.6	92.4	96.1	97.6	99.0	99.1	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.6	92.4	96.1	97.6	99.0	99.1	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.6	92.4	96.1	97.6	99.0	99.1	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.6	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	58.4	59.1	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	58.9	59.6	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	58.9	59.6	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	60.0	60.7	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	60.7	61.3	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 10000	62.8	64.1	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	63.1	64.4	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	66.4	68.1	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	68.9	70.7	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	69.6	71.3	72.3	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	72.6	74.7	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	76.3	78.9	80.1	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	77.8	80.9	82.2	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	79.6	82.9	84.6	85.3	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	80.2	84.0	85.9	87.2	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2500	82.8	86.9	88.9	90.3	90.8	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	83.2	87.8	89.9	91.4	92.0	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	83.2	88.0	90.3	91.9	92.7	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	83.6	88.8	91.4	93.0	94.0	94.2	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	83.7	89.4	92.2	93.8	95.1	95.4	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	83.7	89.9	92.7	94.2	95.8	96.2	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	83.7	89.9	92.7	94.3	95.9	96.3	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	83.7	90.1	92.9	94.7	96.3	96.8	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	83.7	90.1	92.9	94.7	96.6	97.0	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	83.7	90.1	92.9	94.7	96.6	97.0	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	83.7	90.1	93.0	94.9	96.8	97.3	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	83.7	90.1	93.0	94.9	97.0	97.6	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	83.7	90.1	93.0	94.9	97.0	97.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.7	90.1	93.0	94.9	97.0	97.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.7	90.1	93.0	94.9	97.0	97.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.7	90.1	93.0	94.9	97.0	97.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: 21-23

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.1	57.4	58.1	58.4	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	60.0	61.3	62.2	62.6	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	60.0	61.6	62.4	62.8	63.2	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	60.0	61.6	62.4	62.8	63.2	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	60.7	62.2	63.1	63.4	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 12000	62.0	63.6	64.4	64.8	65.2	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	64.8	66.4	67.8	68.3	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	64.8	66.4	67.8	68.3	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	67.6	69.7	71.0	71.6	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	69.1	71.2	72.6	73.1	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	70.8	72.9	74.3	75.0	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	72.2	75.0	76.6	77.2	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4500	74.4	77.4	79.3	80.3	81.0	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	75.1	78.2	80.2	81.7	82.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	77.1	81.0	83.1	85.0	86.1	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	78.1	82.2	84.4	86.4	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	79.9	84.7	86.9	89.2	90.7	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	80.1	85.7	88.0	90.7	92.1	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	80.1	85.7	88.0	90.8	92.2	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	80.6	86.8	89.1	92.0	93.9	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	80.9	87.4	89.9	92.8	94.9	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	81.0	87.7	90.1	93.1	96.0	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	81.0	87.8	90.4	93.6	96.6	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	81.0	87.8	90.4	93.6	96.6	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	81.0	87.9	90.6	93.7	96.8	97.4	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	81.0	87.9	90.6	93.7	96.9	97.6	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	81.0	87.9	90.6	93.7	96.9	97.6	97.8	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8
GE 400	81.0	87.9	90.6	93.7	97.7	98.3	98.7	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	81.0	87.9	90.6	93.7	97.7	98.3	98.7	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	81.0	87.9	90.6	93.7	97.7	98.3	98.7	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	81.0	87.9	90.6	93.7	97.7	98.3	98.7	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9
GE 000	81.0	87.9	90.6	93.7	97.7	98.3	98.7	99.3	99.3	99.4	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL.	49.1	51.7	52.7	53.2	53.6	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0
GE 20000	54.1	56.9	58.1	58.7	59.2	59.2	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6
GE 18000	54.3	57.2	58.4	59.0	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8
GE 16000	54.3	57.2	58.4	59.0	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8
GE 14000	54.9	57.9	59.1	59.7	60.2	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6
GE 12000	56.3	59.3	60.5	61.2	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.1
GE 10000	58.9	62.5	63.9	64.6	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5
GE 9000	59.2	62.7	64.2	64.8	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8
GE 8000	62.1	66.2	67.8	68.5	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5
GE 7000	63.3	67.5	69.2	69.9	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 6000	64.1	68.3	70.0	70.8	71.3	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8
GE 5000	66.2	70.7	72.6	73.5	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5
GE 4500	68.4	73.3	75.4	76.5	77.3	77.3	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8
GE 4000	69.3	74.4	76.7	77.8	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3
GE 3500	71.1	76.6	79.1	80.5	81.4	81.5	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.0
GE 3000	72.7	78.5	81.2	82.8	83.9	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5
GE 2500	75.1	81.6	84.5	86.3	87.5	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 2000	76.5	83.4	86.6	88.5	89.9	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.7
GE 1800	76.8	83.9	87.2	89.2	90.6	90.7	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4
GE 1500	77.6	85.2	88.7	90.9	92.6	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 1200	78.0	85.8	89.6	91.8	93.7	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.7
GE 1000	78.2	86.2	90.3	92.9	95.0	95.3	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3
GE 900	78.3	86.4	90.6	93.3	95.5	95.5	96.3	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.9
GE 800	78.4	86.6	90.8	93.7	96.0	96.4	96.9	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.5
GE 700	78.4	86.6	90.9	93.8	96.2	96.5	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.8
GE 600	78.4	86.6	90.9	93.8	96.3	96.7	97.3	97.5	97.6	97.7	97.8	97.8	97.8	97.9	97.9	98.0
GE 500	78.4	86.7	91.0	93.9	96.5	97.0	97.7	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.6	98.6
GE 400	78.4	86.7	91.1	94.0	96.9	97.4	98.2	98.6	98.7	98.9	99.0	99.1	99.1	99.2	99.3	99.3
GE 300	78.4	86.7	91.1	94.0	97.0	97.5	98.3	98.8	99.0	99.3	99.4	99.5	99.5	99.6	99.7	99.8
GE 200	78.4	86.7	91.1	94.0	97.0	97.5	98.3	98.9	99.0	99.3	99.4	99.5	99.6	99.6	99.8	99.9
GE 100	78.4	86.7	91.1	94.0	97.0	97.5	98.3	98.9	99.0	99.3	99.5	99.5	99.7	99.7	99.8	100.0
GE 000	78.4	86.7	91.1	94.0	97.0	97.5	98.3	98.9	99.0	99.3	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	58.7	61.8	63.2	65.8	65.8	66.0	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.6	66.7
GE 20000	58.7	61.8	65.3	66.8	69.5	69.5	69.7	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.2	70.3
GE 18000	58.7	61.8	65.3	66.8	69.5	69.5	69.7	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.2	70.3
GE 16000	58.9	62.0	65.5	67.0	69.7	69.7	69.9	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.4	70.5
GE 14000	59.6	62.7	66.1	67.6	70.3	70.3	70.5	70.5	70.6	70.6	70.9	70.9	70.9	70.9	71.1	71.2
GE 12000	61.1	64.5	68.0	69.5	72.2	72.2	72.4	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.9	73.0
GE 10000	63.9	68.0	71.8	73.4	76.2	76.3	76.7	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.2	77.3
GE 9000	63.9	68.0	71.8	73.4	76.2	76.3	76.7	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.2	77.3
GE 8000	66.3	71.0	74.9	76.7	79.5	79.7	80.0	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.5	80.6
GE 7000	67.6	72.6	76.6	78.3	81.1	81.3	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9	82.2	82.3
GE 6000	68.6	73.7	77.6	79.4	82.2	82.4	82.7	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.3
GE 5000	69.8	75.6	79.6	81.3	84.2	84.4	84.7	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.3	85.4
GE 4500	70.4	76.5	80.8	83.2	86.3	86.6	86.9	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.4	87.5
GE 4000	71.0	77.1	81.4	83.9	87.1	87.3	87.6	87.6	87.7	87.7	88.0	88.0	88.0	88.0	88.2	88.3
GE 3500	71.4	78.0	82.3	84.7	88.0	88.2	88.5	88.5	88.6	88.6	88.8	88.8	88.8	88.8	89.0	89.1
GE 3000	71.8	78.4	82.8	85.5	88.8	89.0	89.4	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.9	90.0
GE 2500	72.0	79.1	83.5	86.2	89.6	89.9	90.3	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.9	91.0
GE 2000	72.5	79.8	84.3	87.0	90.3	90.6	91.1	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.6	91.7
GE 1800	72.9	80.3	84.9	87.8	91.2	91.7	92.2	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.7	92.8
GE 1500	73.7	81.3	86.2	89.6	93.1	93.7	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.7	94.8
GE 1200	73.9	81.5	86.7	90.2	93.8	94.3	94.7	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.4	95.5
GE 1000	74.3	82.3	87.4	91.0	94.6	95.2	95.6	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.5	96.6
GE 900	74.6	82.7	87.8	91.4	95.4	95.9	96.3	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.3	97.4
GE 800	74.6	82.7	87.8	91.5	95.6	96.1	96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.8	98.0
GE 700	74.6	82.8	88.1	91.7	95.8	96.3	96.9	97.3	97.6	97.7	98.0	98.0	98.0	98.0	98.2	98.3
GE 600	74.6	82.8	88.2	91.9	96.0	96.6	97.2	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.6	98.7
GE 500	74.6	82.8	88.2	91.9	96.0	96.6	97.2	97.7	98.1	98.3	98.5	98.5	98.5	98.5	98.7	98.8
GE 400	74.6	82.8	88.2	91.9	96.0	96.7	97.3	97.8	98.2	98.4	98.7	98.7	98.7	98.7	98.9	99.0
GE 300	74.6	82.8	88.2	91.9	96.0	96.8	97.4	98.0	98.3	98.5	98.8	98.8	98.9	98.9	99.1	99.4
GE 200	74.6	82.8	88.2	91.9	96.0	96.8	97.5	98.3	98.6	98.8	99.1	99.1	99.2	99.2	99.5	99.7
GE 100	74.6	82.8	88.2	91.9	96.0	96.8	97.5	98.3	98.6	98.8	99.1	99.1	99.2	99.2	99.5	99.9
GE 000	74.6	82.8	88.2	91.9	96.0	96.8	97.5	98.3	98.6	98.8	99.1	99.1	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	51.1	56.6	58.6	60.5	61.0	61.7	62.4	62.4	62.6	62.7	62.7	62.8	62.8	63.0	63.0
GE 20000	49.2	54.8	61.3	63.8	65.7	66.1	66.9	67.5	67.5	67.8	68.1	68.1	68.2	68.2	68.5	68.5
GE 18000	49.2	54.8	61.3	63.8	65.7	66.1	66.9	67.5	67.5	67.8	68.1	68.1	68.2	68.2	68.5	68.5
GE 16000	49.4	54.9	61.4	63.9	65.8	66.2	67.0	67.6	67.6	68.0	68.2	68.2	68.3	68.3	68.6	68.6
GE 14000	49.7	55.3	61.7	64.2	66.1	66.	67.3	68.0	68.0	68.3	68.5	68.5	68.6	68.6	68.9	68.9
GE 12000	50.3	56.2	62.7	65.2	67.1	67.5	68.4	69.0	69.0	69.4	69.6	69.6	69.7	69.7	70.0	70.0
GE 10000	53.5	59.8	66.5	69.2	71.3	71.8	72.7	73.3	73.3	73.7	73.9	73.9	74.0	74.0	74.3	74.3
GE 9000	53.5	59.8	66.5	69.4	71.4	71.9	72.8	73.4	73.4	73.8	74.0	74.0	74.1	74.1	74.4	74.4
GE 8000	56.3	62.8	69.6	72.6	74.6	75.3	76.1	76.8	76.8	77.1	77.3	77.3	77.4	77.4	77.7	77.7
GE 7000	57.4	64.0	70.8	73.8	75.8	76.6	77.4	78.1	78.1	78.4	78.6	78.6	78.7	78.7	79.0	79.0
GE 6000	57.7	64.4	71.2	74.5	76.6	77.3	78.2	78.8	78.8	79.1	79.4	79.4	79.5	79.5	79.8	79.8
GE 5000	58.8	66.1	73.0	76.3	78.5	79.2	80.1	80.8	80.8	81.1	81.3	81.3	81.4	81.4	81.7	81.7
GE 4500	58.9	66.3	73.5	77.0	79.5	80.2	81.2	81.9	82.0	82.4	82.6	82.6	82.7	82.7	83.0	83.0
GE 4000	59.5	67.1	74.4	77.8	80.6	81.4	82.4	83.1	83.2	83.5	83.8	83.8	83.9	83.9	84.2	84.2
GE 3500	60.1	67.7	75.2	78.8	81.8	82.6	83.5	84.3	84.4	84.7	84.9	84.9	85.1	85.1	85.4	85.4
GE 3000	61.2	69.1	76.6	80.3	83.7	84.4	85.4	86.1	86.2	86.6	86.8	86.8	86.9	86.9	87.2	87.2
GE 2500	61.9	70.2	77.7	81.5	84.8	85.6	86.6	87.3	87.4	87.8	88.2	88.2	88.3	88.3	88.6	88.6
GE 2000	62.4	70.9	78.7	82.5	86.0	86.8	87.7	88.6	88.7	89.1	89.5	89.5	89.6	89.6	89.9	89.9
GE 1800	62.8	71.3	79.2	83.0	86.6	87.3	88.3	89.1	89.2	89.7	90.0	90.0	90.1	90.1	90.4	90.4
GE 1500	63.2	72.4	80.4	84.5	88.3	89.0	90.3	91.2	91.3	91.8	92.2	92.2	92.3	92.3	92.6	92.6
GE 1200	63.3	72.8	81.0	85.3	89.5	90.2	91.7	92.7	92.8	93.3	93.7	93.7	93.8	93.8	94.1	94.1
GE 1000	63.5	73.0	81.3	85.7	90.0	90.9	92.4	93.3	93.4	94.0	94.3	94.3	94.4	94.4	94.7	94.7
GE 900	63.5	73.0	81.3	85.8	90.5	91.5	93.0	94.0	94.1	94.6	94.9	94.9	95.1	95.1	95.4	95.4
GE 800	63.5	73.0	81.3	85.9	91.1	92.0	93.7	94.7	94.8	95.4	95.7	95.7	95.8	95.8	96.1	96.1
GE 700	63.5	73.0	81.3	86.0	91.6	92.6	94.2	95.3	95.4	96.0	96.5	96.5	96.6	96.6	96.9	96.9
GE 600	63.5	73.0	81.3	86.1	91.7	92.9	94.5	95.7	95.8	96.5	96.9	96.9	97.0	97.0	97.3	97.3
GE 500	63.5	73.0	81.3	86.2	91.9	93.3	94.9	96.1	96.2	97.0	97.4	97.4	97.6	97.6	98.0	98.0
GE 400	63.5	73.0	81.4	86.5	92.2	93.7	95.3	96.5	96.7	97.4	98.0	98.0	98.2	98.2	98.5	98.5
GE 300	63.5	73.0	81.4	86.5	92.3	93.8	95.5	96.7	96.9	97.6	98.3	98.3	98.5	98.5	98.9	99.1
GE 200	63.5	73.0	81.4	86.5	92.3	93.8	95.5	96.7	96.9	97.6	98.3	98.3	98.5	98.5	99.0	99.4
GE 100	63.5	73.0	81.4	86.5	92.3	93.8	95.5	96.7	96.9	97.6	98.3	98.3	98.5	98.5	99.0	99.7
GE 000	63.5	73.0	81.4	86.5	92.3	93.8	95.5	96.7	96.9	97.6	98.3	98.3	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.0	45.7	50.2	52.3	54.4	54.9	56.0	56.6	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9
GE 20000	41.1	50.3	55.1	57.8	60.3	61.1	62.3	62.8	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.5
GE 18000	41.1	50.4	55.2	58.0	60.4	61.2	62.4	62.9	63.3	63.5	63.5	63.5	63.5	63.7	63.7	63.7
GE 16000	41.1	50.4	55.2	58.0	60.4	61.2	62.4	62.9	63.3	63.5	63.5	63.5	63.5	63.7	63.7	63.7
GE 14000	41.9	51.3	56.1	58.9	61.4	62.2	63.3	63.9	64.3	64.5	64.5	64.5	64.5	64.6	64.6	64.6
GE 12000	42.5	52.0	57.1	59.9	62.4	63.1	64.3	64.8	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.6
GE 10000	45.2	55.3	60.9	64.5	67.2	68.2	69.8	70.3	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.1
GE 9000	45.2	55.3	60.9	64.5	67.2	68.2	69.8	70.3	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.1
GE 8000	48.8	59.7	65.6	69.7	72.7	73.9	75.8	76.3	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1
GE 7000	49.6	60.8	66.7	70.8	73.8	74.9	76.9	77.4	77.8	78.1	78.1	78.1	78.1	78.2	78.2	78.2
GE 6000	50.3	61.5	67.4	71.6	74.6	75.8	77.7	78.3	78.7	78.9	78.9	78.9	78.9	79.0	79.0	79.0
GE 5000	50.8	62.0	68.1	72.3	75.5	76.7	78.6	79.1	79.6	79.8	79.8	79.8	79.8	79.9	79.9	79.9
GE 4500	51.5	62.9	69.1	73.5	77.1	78.3	80.2	80.8	81.2	81.4	81.5	81.5	81.5	81.6	81.6	81.6
GE 4000	52.3	64.2	70.5	75.2	78.8	80.0	81.9	82.5	82.9	83.1	83.2	83.2	83.2	83.3	83.3	83.3
GE 3500	53.2	65.3	71.6	76.2	79.9	81.2	83.1	83.7	84.1	84.3	84.4	84.4	84.4	84.5	84.5	84.5
GE 3000	53.5	65.6	71.9	76.6	80.3	81.7	83.7	84.2	84.6	84.8	84.9	84.9	84.9	85.1	85.1	85.1
GE 2500	54.6	66.7	73.1	78.0	81.7	83.2	85.2	85.7	86.1	86.3	86.5	86.5	86.5	86.6	86.6	86.6
GE 2000	55.4	67.6	74.4	79.4	83.1	84.7	86.8	87.3	87.7	88.0	88.1	88.1	88.1	88.2	88.2	88.2
GE 1800	55.7	68.3	75.1	80.0	83.8	85.4	87.5	88.1	88.5	88.7	88.8	88.8	88.8	88.9	88.9	88.9
GE 1500	56.1	68.9	75.8	81.2	85.2	86.8	89.0	89.8	90.4	90.6	90.8	90.8	90.8	90.9	90.9	90.9
GE 1200	56.2	69.4	76.3	81.8	86.1	87.8	90.1	90.9	91.5	91.7	91.8	91.8	91.8	91.9	91.9	91.9
GE 1000	56.8	70.0	77.6	83.4	88.2	90.0	92.3	93.3	94.0	94.2	94.3	94.3	94.3	94.4	94.4	94.4
GE 900	56.9	70.1	77.8	83.7	88.5	90.5	92.8	93.9	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9
GE 800	56.9	70.1	77.8	83.7	88.8	91.0	93.4	94.5	95.2	95.4	95.5	95.5	95.5	95.6	95.6	95.6
GE 700	56.9	70.2	78.0	84.3	89.6	91.7	94.2	95.4	96.0	96.2	96.3	96.5	96.5	96.6	96.6	96.7
GE 600	56.9	70.3	78.1	84.5	89.8	92.0	94.6	96.0	96.8	97.1	97.2	97.3	97.3	97.4	97.4	97.5
GE 500	57.0	70.4	78.2	84.6	89.9	92.8	95.4	96.8	97.6	98.0	98.1	98.2	98.2	98.3	98.3	98.4
GE 400	57.0	70.4	78.2	84.6	90.0	92.9	95.5	96.9	97.7	98.2	98.3	98.4	98.4	98.5	98.5	98.6
GE 300	57.0	70.4	78.3	84.7	90.2	93.1	95.7	97.3	98.2	98.7	98.9	99.0	99.0	99.1	99.1	99.4
GE 200	57.1	70.5	78.4	84.8	90.3	93.2	95.9	97.5	98.4	98.9	99.2	99.4	99.4	99.5	99.6	99.9
GE 100	57.1	70.5	78.4	84.8	90.3	93.2	95.9	97.5	98.4	98.9	99.2	99.4	99.4	99.5	99.6	100.0
GE 000	57.1	70.5	78.4	84.8	90.3	93.2	95.9	97.5	98.4	98.9	99.2	99.4	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CIL	45.6	50.9	53.2	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	50.9	56.8	59.9	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	51.0	57.0	60.3	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	51.0	57.0	60.3	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	51.7	57.7	61.1	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	52.6	58.8	62.4	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	54.9	62.4	66.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	55.1	62.6	66.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 8000	57.7	65.9	70.2	71.7	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	58.8	67.7	72.2	73.8	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 6000	59.0	68.0	72.5	74.2	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 5000	59.5	68.5	73.2	75.3	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	60.2	69.8	74.6	76.8	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	61.5	71.5	76.3	78.5	79.4	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	62.7	72.9	77.7	79.9	80.9	80.9	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	64.3	75.2	80.1	82.6	83.5	83.5	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	65.6	77.0	82.2	84.7	86.1	86.1	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	67.0	79.0	84.6	87.4	88.9	88.9	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	67.5	79.8	85.4	88.3	89.8	89.8	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	68.7	81.8	87.8	91.0	92.8	92.9	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	68.9	82.2	88.9	92.2	94.2	94.3	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	69.8	83.2	90.2	93.8	96.1	96.2	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	69.9	83.3	90.3	94.0	96.6	96.7	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	69.9	83.3	90.3	94.0	96.8	96.9	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	69.9	83.3	90.3	94.0	97.1	97.4	98.3	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	70.0	83.4	90.5	94.4	97.6	98.3	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	70.1	83.5	90.6	94.5	97.8	98.5	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	70.1	83.5	90.6	94.5	97.8	98.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.1	83.5	90.6	94.5	97.8	98.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.1	83.5	90.6	94.5	97.8	98.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.1	83.5	90.6	94.5	97.8	98.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	70.1	83.5	90.6	94.5	97.8	98.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	51.3	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	54.1	58.6	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	54.3	58.8	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 16000	54.3	58.8	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	55.4	59.9	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 12000	57.3	61.8	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	59.9	65.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000	60.1	65.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	63.2	69.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 7000	63.8	70.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	64.5	71.2	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	65.4	72.5	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	67.3	74.9	76.3	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	69.2	77.4	78.9	79.4	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	71.9	80.2	81.7	82.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	74.4	83.1	85.1	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	76.6	85.8	88.0	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	78.1	88.3	91.3	92.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	78.4	88.8	92.0	93.3	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	78.9	89.4	92.7	94.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	79.0	89.5	93.0	94.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	79.4	89.9	93.8	95.6	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	79.7	90.2	94.1	95.9	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	79.9	90.4	94.3	96.1	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	79.9	90.4	94.4	96.2	99.0	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	79.9	90.4	94.4	96.2	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	79.9	90.4	94.4	96.2	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.9	90.4	94.4	96.2	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.9	90.4	94.4	96.2	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.9	90.4	94.4	96.2	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.9	90.4	94.4	96.2	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.9	90.4	94.4	96.2	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	50.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	57.5	60.4	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	57.7	60.6	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000	57.7	60.6	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	58.9	61.9	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	60.3	63.4	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	63.8	67.4	69.1	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	64.7	68.4	70.1	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	67.7	71.9	73.9	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 7000	68.5	73.0	74.9	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	69.0	74.0	76.0	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	69.8	75.8	78.0	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	71.4	78.0	80.1	80.6	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	73.4	80.9	83.1	83.7	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	75.3	83.0	85.8	86.5	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	77.0	85.1	87.8	88.5	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	78.5	87.5	90.8	91.6	92.6	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	79.4	88.4	91.9	92.9	94.0	94.0	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	79.4	88.4	92.0	93.1	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	79.8	89.0	93.1	94.3	95.7	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	80.0	89.4	93.4	94.8	96.3	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	80.3	89.8	94.0	95.5	97.2	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	80.5	90.0	94.3	95.9	97.7	97.8	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	80.5	90.0	94.4	96.0	97.8	98.0	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 700	80.5	90.0	94.4	96.1	98.0	98.2	98.7	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 600	80.5	90.0	94.4	96.1	98.0	98.3	98.8	99.0	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	80.5	90.0	94.4	96.1	98.0	98.3	98.9	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	80.5	90.0	94.4	96.1	98.0	98.3	98.9	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	80.5	90.0	94.4	96.1	98.0	98.3	98.9	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	80.5	90.2	94.6	96.3	98.2	98.5	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	80.5	90.2	94.6	96.3	98.2	98.5	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	80.5	90.2	94.6	96.3	98.2	98.5	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.9	54.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	61.1	65.5	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	61.1	65.5	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	61.1	65.5	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	61.9	66.3	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	62.5	66.9	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	65.7	70.3	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	66.9	71.5	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	70.5	75.7	78.6	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	70.9	76.2	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	72.3	77.8	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	73.8	79.7	82.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	74.4	80.6	84.0	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	75.4	82.0	85.4	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	76.5	83.3	86.9	88.6	89.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	77.4	84.5	88.4	90.1	91.0	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	78.1	85.3	89.8	91.5	92.5	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	79.1	86.7	91.3	93.0	94.0	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	79.1	86.7	91.3	93.0	94.0	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	79.4	87.0	92.2	93.9	94.9	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	79.6	87.3	92.7	94.6	95.8	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	79.9	87.6	93.2	95.3	96.6	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	79.9	87.6	93.3	95.5	96.8	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	80.0	87.7	93.9	96.1	97.5	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	80.0	87.7	93.9	96.2	97.6	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	80.0	87.7	93.9	96.3	97.7	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	80.0	87.7	93.9	96.5	98.0	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	80.0	87.7	93.9	96.5	98.0	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	80.0	87.7	93.9	96.5	98.0	98.5	99.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	80.0	87.7	93.9	96.5	98.0	98.5	99.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	80.0	87.7	93.9	96.5	98.0	98.5	99.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	80.0	87.7	93.9	96.5	98.0	98.5	99.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	60.3	63.2	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	60.6	65.3	68.4	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	60.8	65.4	68.5	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	60.8	65.4	68.5	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	61.7	66.3	69.6	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	62.9	67.5	71.0	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	66.7	71.8	75.6	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	66.8	71.9	75.7	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	68.3	73.7	77.5	78.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	68.7	74.1	78.2	79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	70.4	76.0	80.1	81.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	72.5	78.3	82.4	83.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	73.7	80.6	85.5	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	74.2	81.4	86.3	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	74.9	82.4	87.3	88.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	75.3	83.0	88.3	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	75.4	83.1	88.5	89.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	76.0	83.9	89.4	90.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	76.3	84.3	89.9	91.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	77.6	85.6	91.3	92.8	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	78.3	86.3	92.2	93.7	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	78.6	87.0	92.9	94.7	96.7	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	78.7	87.1	93.2	95.1	97.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	78.7	87.2	93.3	95.3	97.2	97.5	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	78.7	87.2	93.3	95.3	97.2	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	78.7	87.2	93.3	95.3	97.2	97.8	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	78.7	87.2	93.4	95.4	97.3	98.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	78.7	87.2	93.4	95.4	97.4	98.1	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	78.7	87.2	93.4	95.4	97.5	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	78.7	87.2	93.4	95.4	97.5	98.2	98.9	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 100	78.7	87.2	93.4	95.4	97.5	98.2	98.9	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 000	78.7	87.2	93.4	95.4	97.5	98.2	98.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	52.9	55.6	56.6	57.5	57.6	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2
GE 20000	54.2	59.2	62.3	63.5	64.5	64.6	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
GE 18000	54.2	59.3	62.4	63.6	64.6	64.7	65.0	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.5
GE 16000	54.3	59.3	62.4	63.7	64.6	64.8	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.5	65.5
GE 14000	55.1	60.2	63.4	64.6	65.6	65.7	66.0	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.5
GE 12000	56.2	61.4	64.7	66.0	67.0	67.1	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8
GE 10000	59.2	65.0	68.7	70.1	71.2	71.4	71.7	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.2	72.2
GE 9000	59.5	65.4	69.1	70.5	71.6	71.8	72.1	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.6	72.6
GE 8000	62.4	68.8	72.6	74.2	75.5	75.8	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6
GE 7000	63.2	69.8	73.8	75.4	76.7	76.9	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8
GE 6000	64.0	70.8	74.8	76.5	77.8	78.1	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 5000	65.0	72.3	76.4	78.1	79.5	79.8	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6
GE 4500	66.0	73.7	78.0	80.0	81.5	81.8	82.3	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8
GE 4000	67.1	75.2	79.6	81.6	83.3	83.5	84.0	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.5
GE 3500	68.3	76.6	81.1	83.2	85.0	85.3	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3
GE 3000	69.4	78.0	82.6	84.9	86.8	87.1	87.7	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.2
GE 2500	70.3	79.3	84.2	86.5	88.6	88.9	89.5	89.6	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0
GE 2000	71.2	80.6	85.7	88.2	90.3	90.7	91.3	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9
GE 1800	71.5	81.0	86.2	88.7	90.9	91.3	91.9	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.5
GE 1500	72.2	81.9	87.4	90.2	92.6	93.0	93.7	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3
GE 1200	72.4	82.3	88.0	90.9	93.5	93.9	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4
GE 1000	72.8	82.8	88.8	91.9	94.7	95.2	96.0	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 900	73.0	83.0	89.0	92.2	95.1	95.7	96.6	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.4	97.4
GE 800	73.0	83.1	89.2	92.3	95.5	96.0	97.0	97.4	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9
GE 700	73.0	83.1	89.2	92.5	95.7	96.4	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.4	98.4
GE 600	73.0	83.1	89.3	92.6	95.9	96.7	97.7	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9
GE 500	73.1	83.1	89.3	92.7	96.0	96.9	97.9	98.5	98.7	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 400	73.1	83.1	89.3	92.7	96.0	97.0	98.0	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.4	99.4
GE 300	73.1	83.1	89.3	92.7	96.1	97.0	98.1	98.7	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.6
GE 200	73.1	83.2	89.4	92.8	96.1	97.1	98.2	98.8	99.0	99.3	99.5	99.6	99.6	99.6	99.7	99.8
GE 100	73.1	83.2	89.4	92.8	96.1	97.1	98.2	98.8	99.0	99.3	99.5	99.6	99.6	99.6	99.7	99.9
GE 000	73.1	83.2	89.4	92.8	96.1	97.1	98.2	98.8	99.0	99.3	99.5	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	59.0	63.6	65.9	68.4	69.0	69.6	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	56.1	65.0	70.9	73.6	76.7	77.3	78.0	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 18000	56.1	65.0	70.9	73.6	76.7	77.4	78.1	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 16000	56.1	65.0	70.9	73.6	76.7	77.4	78.1	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 14000	56.4	65.4	71.3	74.0	77.1	77.9	78.6	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
GE 12000	57.1	66.2	72.1	74.8	78.0	78.8	79.4	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 10000	60.8	70.4	77.0	79.8	83.3	84.3	85.0	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 9000	61.1	70.9	77.4	80.2	83.8	84.8	85.4	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 8000	61.8	71.9	78.8	81.8	85.3	86.3	87.2	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 7000	62.6	73.1	80.0	83.1	87.1	88.1	89.1	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	62.9	73.7	80.6	83.7	87.7	88.7	89.7	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 5000	63.7	74.4	81.4	84.6	88.6	89.6	90.6	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	64.3	75.1	82.3	85.7	89.8	90.8	91.8	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	64.9	76.3	84.2	88.3	92.6	93.6	94.6	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500	65.0	76.6	84.6	88.8	93.0	94.0	95.0	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	65.3	76.9	84.9	89.1	93.3	94.4	95.4	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	65.3	77.1	85.1	89.4	93.7	94.8	95.8	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	65.4	77.2	85.3	89.7	93.9	95.0	96.0	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0
GE 1800	65.4	77.2	85.3	89.7	93.9	95.0	96.0	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0
GE 1500	65.7	77.4	86.1	90.4	94.8	95.9	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9
GE 1200	65.8	77.6	86.2	90.6	95.0	96.1	97.1	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1
GE 1000	65.9	77.8	86.6	91.1	95.9	97.0	98.0	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 900	65.9	77.8	86.6	91.1	95.9	97.0	98.0	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 800	66.0	77.9	86.7	91.2	96.0	97.1	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 700	66.0	77.9	86.7	91.2	96.0	97.1	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 600	66.0	77.9	86.7	91.2	96.0	97.1	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 500	66.0	77.9	86.7	91.3	96.2	97.3	98.4	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 400	66.0	77.9	86.7	91.3	96.2	97.3	98.6	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	66.0	77.9	86.7	91.3	96.2	97.3	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	66.0	77.9	86.7	91.3	96.2	97.3	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	66.0	77.9	86.7	91.3	96.2	97.3	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	66.0	77.9	86.7	91.3	96.2	97.3	98.7	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	46.9	52.6	56.3	59.9	62.0	63.1	63.4	63.7	63.7	63.8	63.8	64.1	64.2	64.3	64.4
GE 20000	42.2	53.2	59.3	63.6	67.6	69.8	70.9	71.2	71.4	71.6	71.7	71.7	72.0	72.1	72.2	72.3
GE 18000	42.2	53.2	59.3	63.6	67.6	69.8	70.9	71.2	71.4	71.6	71.7	71.7	72.0	72.1	72.2	72.3
GE 16000	42.2	53.2	59.3	63.6	67.6	69.8	70.9	71.2	71.4	71.6	71.7	71.7	72.0	72.1	72.2	72.3
GE 14000	42.7	53.7	59.8	64.0	68.0	70.2	71.3	71.7	71.9	72.0	72.1	72.1	72.4	72.6	72.7	72.8
GE 12000	43.9	55.2	61.4	65.7	69.7	72.0	73.2	73.6	73.8	73.9	74.0	74.0	74.4	74.6	74.7	74.8
GE 10000	46.3	58.2	64.9	69.6	73.8	76.2	77.4	77.8	78.0	78.1	78.2	78.2	78.7	78.8	78.9	79.0
GE 9000	46.8	58.8	65.4	70.1	74.3	76.8	78.0	78.3	78.6	78.7	78.8	78.8	79.2	79.3	79.4	79.6
GE 8000	48.4	60.9	67.7	72.8	77.1	79.6	80.8	81.1	81.3	81.4	81.6	81.6	82.0	82.1	82.2	82.3
GE 7000	49.1	61.8	68.6	73.9	78.7	81.1	82.3	82.7	82.9	83.0	83.1	83.1	83.6	83.7	83.8	83.9
GE 6000	49.2	61.9	68.8	74.2	79.0	81.4	82.7	83.0	83.2	83.3	83.4	83.4	83.9	84.0	84.1	84.2
GE 5000	49.9	62.8	69.9	75.4	80.2	82.7	83.9	84.2	84.4	84.6	84.7	84.7	85.1	85.2	85.3	85.4
GE 4500	51.2	64.8	72.3	78.1	83.0	85.6	86.8	87.1	87.3	87.4	87.6	87.6	88.0	88.1	88.2	88.3
GE 4000	51.6	65.4	73.2	79.4	84.3	86.9	88.3	88.8	89.0	89.1	89.2	89.2	89.7	89.8	89.9	90.0
GE 3500	52.2	66.3	74.1	80.3	85.2	87.8	89.4	89.9	90.1	90.2	90.3	90.3	90.8	90.9	91.0	91.1
GE 3000	52.4	66.8	74.7	81.0	86.0	88.7	90.4	90.	91.1	91.2	91.3	91.3	91.8	91.9	92.0	92.1
GE 2500	52.9	67.3	75.2	81.7	86.9	89.6	91.4	92.0	92.3	92.4	92.6	92.6	93.0	93.1	93.2	93.3
GE 2000	53.1	67.8	75.7	82.3	87.6	90.2	92.1	92.7	93.0	93.1	93.2	93.2	93.7	93.8	93.9	94.0
GE 1800	53.2	67.9	75.8	82.4	87.7	90.3	92.2	92.8	93.1	93.2	93.3	93.3	93.8	93.9	94.0	94.1
GE 1500	53.4	68.1	76.8	83.6	88.8	91.4	93.4	94.0	94.3	94.4	94.6	94.6	95.0	95.1	95.2	95.3
GE 1200	53.4	68.1	76.8	83.6	88.8	91.4	93.4	94.0	94.3	94.4	94.6	94.6	95.0	95.1	95.2	95.3
GE 1000	53.7	68.4	77.3	84.1	89.3	92.0	94.0	94.6	94.9	95.0	95.1	95.1	95.6	95.7	95.8	95.9
GE 900	53.7	68.4	77.3	84.2	89.4	92.1	94.4	95.0	95.3	95.4	95.6	95.6	96.0	96.1	96.2	96.3
GE 800	53.8	68.6	77.4	84.3	89.6	92.3	94.8	95.3	95.7	95.8	95.9	95.9	96.3	96.4	96.6	96.7
GE 700	53.8	68.6	77.6	84.6	89.9	92.7	95.1	95.7	96.0	96.1	96.2	96.2	96.7	96.8	96.9	97.0
GE 600	53.8	68.7	77.7	84.7	90.0	92.8	95.3	95.9	96.2	96.3	96.4	96.4	96.9	97.0	97.1	97.2
GE 500	53.8	68.7	77.8	85.0	90.3	93.3	95.9	96.6	96.9	97.0	97.1	97.1	97.7	97.8	97.9	98.0
GE 400	53.8	68.7	77.9	85.1	90.6	93.8	96.6	97.2	97.6	97.8	97.9	97.9	98.4	98.6	98.7	98.8
GE 300	53.8	68.8	78.0	85.2	90.7	93.9	96.8	97.4	97.8	98.0	98.1	98.1	98.7	98.8	98.9	99.0
GE 200	53.8	68.8	78.0	85.2	90.8	94.0	96.9	97.6	97.9	98.1	98.2	98.2	98.9	99.0	99.3	99.4
GE 100	53.8	68.8	78.0	85.2	90.8	94.0	96.9	97.6	97.9	98.1	98.2	98.3	99.0	99.1	99.4	99.8
GE 000	53.8	68.8	78.0	85.2	90.8	94.0	96.9	97.6	97.9	98.1	98.2	98.3	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	44.7	49.1	52.8	55.3	57.9	58.7	59.2	59.6	59.7	59.9	59.9	59.9	59.9	60.1	60.1
GE 20000	37.2	51.2	56.1	60.2	63.3	65.9	66.7	67.2	67.6	67.7	67.9	67.9	67.9	67.9	68.1	68.1
GE 18000	37.3	51.4	56.3	60.4	63.6	66.1	66.9	67.4	67.8	67.9	68.1	68.1	68.1	68.1	68.3	68.3
GE 16000	37.3	51.4	56.3	60.4	63.6	66.1	66.9	67.4	67.8	67.9	68.1	68.1	68.1	68.1	68.3	68.3
GE 14000	38.2	52.4	57.3	61.4	64.7	67.2	68.1	68.7	69.0	69.1	69.3	69.3	69.3	69.3	69.6	69.6
GE 12000	39.6	54.1	59.0	63.4	66.8	69.4	70.4	71.1	71.4	71.6	71.8	71.8	71.8	71.8	72.0	72.0
GE 10000	42.0	57.8	62.8	67.4	71.3	74.3	75.3	76.0	76.3	76.4	76.7	76.7	76.7	76.7	76.9	76.9
GE 9000	42.3	58.1	63.1	67.8	71.7	74.7	75.7	76.3	76.7	76.8	77.0	77.0	77.0	77.0	77.2	77.2
GE 8000	44.4	61.0	66.3	71.7	76.0	79.0	80.1	80.8	81.1	81.2	81.4	81.4	81.4	81.4	81.7	81.7
GE 7000	45.2	62.0	67.4	73.4	78.6	81.6	82.7	83.3	83.7	83.8	84.0	84.0	84.0	84.0	84.2	84.2
GE 6000	45.6	62.3	67.8	73.8	78.9	82.0	83.2	83.9	84.2	84.3	84.6	84.6	84.6	84.6	84.8	84.8
GE 5000	46.3	63.3	68.9	75.0	80.2	83.4	84.8	85.4	85.8	85.9	86.1	86.1	86.1	86.1	86.3	86.3
GE 4500	47.7	64.8	71.0	77.6	83.0	86.2	87.7	88.3	88.7	88.8	89.0	89.0	89.0	89.0	89.2	89.2
GE 4000	48.1	65.6	71.8	78.4	84.1	87.3	88.8	89.4	89.8	89.9	90.1	90.1	90.1	90.1	90.3	90.3
GE 3500	48.2	65.8	72.1	78.8	84.4	87.8	89.2	89.9	90.2	90.3	90.6	90.6	90.6	90.6	90.8	90.8
GE 3000	48.4	66.0	72.3	79.0	84.7	88.1	89.6	90.3	90.7	90.8	91.0	91.0	91.0	91.0	91.2	91.2
GE 2500	48.6	66.4	72.9	79.7	85.4	88.9	90.3	91.1	91.4	91.6	91.8	91.8	91.8	91.8	92.0	92.0
GE 2000	48.7	66.7	73.3	80.3	86.1	89.6	91.0	91.8	92.1	92.2	92.4	92.4	92.4	92.4	92.7	92.7
GE 1800	48.7	66.7	73.3	80.4	86.3	89.8	91.3	92.1	92.4	92.6	92.8	92.8	92.8	92.8	93.0	93.0
GE 1500	49.3	67.7	74.3	81.6	87.4	90.9	92.4	93.2	93.6	93.7	93.9	93.9	93.9	93.9	94.1	94.1
GE 1200	50.0	68.4	75.1	82.4	88.7	92.1	93.7	94.4	94.8	94.9	95.1	95.1	95.1	95.1	95.3	95.3
GE 1000	50.1	68.6	75.7	83.2	89.6	93.2	94.8	95.6	95.9	96.0	96.2	96.2	96.2	96.2	96.4	96.4
GE 900	50.1	68.6	75.7	83.2	89.6	93.3	95.0	95.8	96.1	96.2	96.4	96.4	96.4	96.4	96.7	96.7
GE 800	50.1	68.6	75.7	83.3	89.8	93.6	95.2	96.0	96.3	96.4	96.7	96.7	96.7	96.7	96.9	96.9
GE 700	50.1	68.6	75.7	83.3	90.0	93.8	95.7	96.4	96.8	96.9	97.1	97.1	97.1	97.1	97.3	97.3
GE 600	50.1	68.6	75.7	83.3	90.3	94.2	96.2	97.1	97.4	97.6	97.8	97.8	97.8	97.8	98.0	98.0
GE 500	50.1	68.7	75.9	83.7	90.7	94.6	96.6	97.4	97.8	97.9	98.1	98.1	98.1	98.1	98.3	98.3
GE 400	50.1	68.7	75.9	83.7	91.0	94.9	96.9	97.9	98.2	98.3	98.7	98.7	98.7	98.7	98.9	98.9
GE 300	50.1	68.7	75.9	83.7	91.0	95.0	97.0	98.0	98.3	98.4	98.9	98.9	99.0	99.0	99.2	99.2
GE 200	50.1	68.7	75.9	83.7	91.0	95.0	97.0	98.0	98.3	98.4	99.0	99.0	99.1	99.2	99.7	99.8
GE 100	50.1	68.7	75.9	83.7	91.0	95.0	97.0	98.0	98.3	98.4	99.0	99.0	99.1	99.2	99.8	99.9
GE 000	50.1	68.7	75.9	83.7	91.0	95.0	97.0	98.0	98.3	98.4	99.0	99.0	99.1	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	54.1	58.8	60.7	61.6	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	51.6	61.6	66.3	68.2	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 18000	51.6	61.6	66.3	68.3	69.2	69.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	51.6	61.6	66.3	68.3	69.2	69.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000	52.2	62.4	67.3	69.3	70.2	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	53.0	63.6	68.6	70.7	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 10000	56.2	67.3	72.8	75.3	76.2	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 9000	56.9	68.0	73.4	76.0	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	59.3	71.4	76.9	79.7	80.7	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	60.2	72.3	78.3	81.7	82.8	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	60.8	72.9	78.9	82.2	83.3	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	62.0	74.1	80.1	83.4	84.9	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	62.8	75.2	81.2	84.6	86.1	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	63.8	76.4	82.7	86.2	87.9	88.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	64.6	77.6	83.8	87.3	89.0	89.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	65.3	78.9	85.7	89.2	91.0	91.1	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	66.3	79.9	87.0	90.6	92.6	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	67.2	81.2	88.4	92.2	94.2	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	67.4	81.4	88.7	92.6	94.6	94.9	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	67.7	82.0	89.7	93.6	95.6	95.9	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	67.9	82.3	90.2	94.2	96.2	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	67.9	82.4	90.6	94.7	96.7	97.3	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	67.9	82.4	90.7	94.8	96.8	97.7	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	67.9	82.4	90.8	94.9	97.0	97.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	67.9	82.4	90.8	94.9	97.1	98.0	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	67.9	82.4	90.8	94.9	97.1	98.1	98.7	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	67.9	82.4	90.8	94.9	97.1	98.1	98.7	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	67.9	82.4	90.8	94.9	97.1	98.1	98.7	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	67.9	82.4	90.8	94.9	97.1	98.1	98.7	99.2	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	67.9	82.4	90.8	94.9	97.1	98.1	98.7	99.2	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	67.9	82.4	90.8	94.9	97.1	98.1	98.7	99.2	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	52.3	54.2	55.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	55.1	62.7	64.6	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	55.1	62.7	64.6	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	55.1	62.7	64.6	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	55.7	63.3	65.3	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	57.2	65.0	67.0	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	61.4	69.7	72.0	73.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 9000	62.2	70.4	72.8	73.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	64.1	73.6	76.6	77.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000	64.4	73.9	77.1	78.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	64.7	74.1	77.3	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	66.9	76.3	79.7	81.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	67.9	77.7	81.1	82.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	70.0	81.0	85.0	86.8	88.1	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	71.6	83.2	87.2	89.0	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	73.3	85.8	89.9	92.0	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	74.7	87.2	91.4	93.7	95.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	75.0	87.9	92.4	95.0	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	75.0	87.9	92.4	95.0	96.6	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	75.4	88.4	93.0	95.8	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	75.4	88.4	93.0	95.8	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 1000	75.7	88.8	93.3	96.1	97.7	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 900	75.7	88.8	93.3	96.1	97.8	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
GE 800	75.8	88.9	93.4	96.2	97.9	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 700	75.8	88.9	93.4	96.2	97.9	98.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 600	75.8	88.9	93.4	96.2	98.0	98.3	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 500	75.8	88.9	93.4	96.2	98.0	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	75.8	88.9	93.4	96.2	98.0	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	75.8	88.9	93.4	96.2	98.0	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	75.8	88.9	93.4	96.2	98.0	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	75.8	88.9	93.4	96.2	98.0	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	75.8	88.9	93.4	96.2	98.0	98.3	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 15-17

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	53.7	55.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	58.8	63.7	65.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	59.0	63.9	65.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	59.0	63.9	65.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	60.0	65.1	66.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	62.3	67.8	69.4	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	66.9	73.4	75.2	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	67.2	73.8	75.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	69.3	75.1	78.8	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	70.2	77.3	79.7	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	70.3	77.4	79.8	81.2	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	72.2	79.4	82.2	84.0	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	73.2	81.0	83.9	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	75.8	84.6	87.9	89.9	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	77.6	86.8	90.3	92.3	92.8	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	79.1	89.0	92.8	94.9	95.4	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	79.1	89.1	93.0	95.6	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	79.3	89.8	93.7	96.2	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	79.4	90.0	93.9	96.4	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	79.7	90.3	94.2	96.8	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	79.7	90.3	94.2	96.8	97.8	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	79.7	90.6	94.4	97.0	98.0	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	79.7	90.6	94.4	97.3	98.3	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	79.7	90.6	94.4	97.3	98.3	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	79.7	90.6	94.4	97.3	98.3	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	79.7	90.6	94.4	97.3	98.3	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	79.7	90.6	94.4	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.7	90.6	94.4	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.7	90.6	94.4	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.7	90.6	94.4	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.7	90.6	94.4	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.7	90.6	94.4	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	52.6	54.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	58.2	64.7	66.9	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	58.6	65.0	67.2	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	58.6	65.0	67.2	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	59.1	65.6	67.8	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	61.1	67.8	70.2	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	66.7	74.2	77.1	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	66.8	74.3	77.3	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 8000	68.7	76.9	80.3	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 7000	69.8	78.0	81.6	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	70.0	78.2	81.8	83.9	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	71.8	80.3	84.1	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	73.0	82.2	86.1	88.7	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	74.7	84.6	88.7	91.2	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	75.7	85.8	90.0	92.6	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	76.9	87.2	91.6	94.2	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	77.2	87.6	92.0	94.9	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	77.3	87.9	92.6	95.6	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	77.3	87.9	92.6	95.6	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	77.3	88.2	92.9	96.0	97.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	77.3	88.2	92.9	96.1	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	77.3	88.2	92.9	96.1	98.1	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	77.3	88.2	92.9	96.4	98.4	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	77.3	88.2	92.9	96.4	98.4	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	77.3	88.2	92.9	96.4	98.4	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	77.3	88.2	92.9	96.4	98.4	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	77.3	88.2	92.9	96.4	98.4	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	77.3	88.2	92.9	96.4	98.4	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.3	88.2	92.9	96.4	98.4	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.3	88.2	92.9	96.4	98.4	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.3	88.2	92.9	96.4	98.4	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.3	88.2	92.9	96.4	98.4	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	58.0	61.4	63.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 20000	57.6	65.7	69.8	72.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 18000	57.6	65.8	70.0	73.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	57.6	65.8	70.0	73.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	58.3	66.6	70.9	73.9	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	59.6	67.9	72.2	75.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 10000	64.7	73.4	78.6	81.7	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 9000	64.9	73.9	79.2	82.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	65.8	74.9	80.6	83.9	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 7000	66.7	76.1	82.1	85.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	66.7	76.1	82.1	85.8	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000	68.3	77.9	84.1	87.8	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	69.7	79.4	85.9	89.6	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	70.6	80.6	87.6	91.6	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	70.8	81.0	88.1	92.1	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	71.1	81.4	88.8	92.9	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	71.3	81.8	89.3	93.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	71.3	81.9	89.7	93.9	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	71.3	81.9	89.7	93.9	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	71.6	82.2	90.0	94.3	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	71.6	82.2	90.1	94.4	98.0	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	71.6	82.2	90.1	94.8	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	71.6	82.2	90.2	94.9	98.4	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	71.7	82.3	90.3	95.0	98.6	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	71.7	82.3	90.3	95.0	98.6	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	71.8	82.4	90.4	95.1	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	71.8	82.4	90.4	95.1	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	71.8	82.4	90.4	95.1	98.7	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.8	82.4	90.4	95.1	98.7	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.8	82.4	90.4	95.1	98.7	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.8	82.4	90.4	95.1	98.7	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.8	82.4	90.4	95.1	98.7	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.1	52.7	56.1	58.3	59.9	60.5	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3
GE 20000	52.1	61.0	64.9	67.3	69.2	69.8	70.2	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.7
GE 18000	52.2	61.1	65.0	67.5	69.3	70.0	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9
GE 16000	52.2	61.1	65.0	67.5	69.3	70.0	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9
GE 14000	52.8	61.8	65.8	68.3	70.2	70.8	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7
GE 12000	54.2	63.4	67.5	70.1	72.0	72.7	73.1	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6
GE 10000	58.1	68.1	72.5	75.3	77.4	78.2	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1
GE 9000	58.5	68.5	73.0	75.8	77.9	78.7	79.1	79.3	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6
GE 8000	60.2	70.9	75.7	78.8	81.0	81.8	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8
GE 7000	61.0	71.8	76.8	80.1	82.6	83.4	83.8	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4
GE 6000	61.3	72.1	77.1	80.4	82.9	83.7	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7
GE 5000	62.6	73.6	78.8	82.2	84.8	85.7	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.7	86.7
GE 4500	63.7	75.0	80.5	84.1	86.7	87.7	88.2	88.4	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 4000	64.9	76.8	82.6	86.5	89.2	90.2	90.8	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 3500	65.7	77.9	83.8	87.7	90.4	91.4	92.1	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7
GE 3000	66.5	79.0	85.1	89.0	91.9	93.0	93.7	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.3	94.3
GE 2500	66.9	79.6	85.8	89.9	92.9	94.0	94.7	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 2000	67.2	80.0	86.4	90.7	93.8	94.8	95.6	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3
GE 1800	67.2	80.1	86.5	90.8	93.9	95.0	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4
GE 1500	67.5	80.6	87.1	91.5	94.6	95.7	96.6	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3
GE 1200	67.6	80.7	87.3	91.7	95.0	96.1	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7
GE 1000	67.7	80.9	87.6	92.1	95.4	96.6	97.5	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3
GE 900	67.7	80.9	87.6	92.3	95.6	96.8	97.8	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.6
GE 800	67.8	80.9	87.7	92.3	95.7	96.9	97.9	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
GE 700	67.8	80.9	87.7	92.4	95.8	97.0	98.0	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9
GE 600	67.8	81.0	87.8	92.4	95.9	97.2	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 500	67.8	81.0	87.8	92.5	96.0	97.3	98.4	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	67.8	81.0	87.8	92.5	96.0	97.4	98.5	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7
GE 300	67.8	81.0	87.8	92.5	96.1	97.4	98.6	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 200	67.8	81.0	87.8	92.5	96.1	97.5	98.6	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.9	99.9
GE 100	67.8	81.0	87.8	92.5	96.1	97.5	98.6	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.9	100.0
GE 000	67.8	81.0	87.8	92.5	96.1	97.5	98.6	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	54.5	64.7	71.6	74.6	75.7	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 20000	45.8	58.3	69.0	77.1	80.9	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	46.0	58.5	69.2	77.3	81.1	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 16000	46.0	58.5	69.2	77.3	81.1	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 14000	46.1	58.6	69.4	77.4	81.2	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	46.6	59.2	70.3	78.4	82.6	83.7	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 10000	48.6	61.8	73.3	82.0	86.5	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 9000	48.6	61.9	73.5	82.3	86.7	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 8000	50.0	63.5	75.5	84.8	89.4	90.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 7000	50.2	63.8	75.8	85.2	89.7	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	50.4	64.0	76.0	85.4	89.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 5000	50.5	64.1	76.1	85.5	90.0	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4500	51.0	64.5	76.9	86.2	91.0	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000	51.9	65.5	78.8	88.2	93.3	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	52.3	65.8	79.2	88.6	93.9	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	52.3	65.9	79.6	89.4	95.1	96.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	52.7	66.5	80.3	90.1	95.8	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	52.7	66.6	80.5	90.3	96.0	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	52.7	66.6	80.5	90.3	96.0	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	52.9	66.9	80.9	90.6	96.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	52.9	66.9	80.9	90.8	96.6	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	52.9	66.9	81.0	90.9	96.7	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	53.0	67.0	81.2	91.1	96.9	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	53.0	67.0	81.2	91.1	96.9	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	53.0	67.0	81.4	91.3	97.1	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	53.0	67.0	81.4	91.3	97.1	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	53.0	67.0	81.4	91.3	97.1	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	53.0	67.0	81.4	91.4	97.3	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	53.0	67.0	81.4	91.4	97.3	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	53.0	67.0	81.4	91.4	97.3	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	53.0	67.0	81.4	91.4	97.3	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 000	53.0	67.0	81.4	91.4	97.3	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.7	40.0	51.1	59.7	66.7	68.3	70.0	71.7	71.9	72.2	72.3	72.3	72.4	72.4	72.5	72.5
GE 20000	30.1	42.6	55.2	64.6	72.6	74.6	76.6	78.3	78.5	78.7	78.8	78.8	78.9	78.9	79.0	79.0
GE 18000	30.2	42.7	55.3	64.7	72.7	74.7	76.7	78.4	78.6	78.8	78.9	78.9	79.0	79.0	79.1	79.1
GE 16000	30.2	42.7	55.3	64.7	72.7	74.7	76.7	78.4	78.6	78.8	78.9	78.9	79.0	79.0	79.1	79.1
GE 14000	30.2	42.7	55.4	64.8	72.8	74.8	76.8	78.5	78.7	78.9	79.0	79.0	79.1	79.1	79.2	79.2
GE 12000	30.3	43.1	56.0	65.5	73.4	75.5	77.4	79.1	79.4	79.6	79.7	79.7	79.8	79.8	79.9	79.9
GE 10000	32.4	46.2	59.4	69.0	77.1	79.5	81.6	83.3	83.5	83.8	83.9	83.9	84.0	84.0	84.1	84.1
GE 9000	32.4	46.2	59.4	69.0	77.3	79.7	81.8	83.5	83.8	84.0	84.1	84.1	84.2	84.2	84.3	84.3
GE 8000	33.9	48.4	61.8	71.9	80.3	82.8	85.1	86.8	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.5
GE 7000	34.2	48.7	62.3	72.7	81.1	83.5	85.8	87.5	87.7	88.0	88.1	88.1	88.2	88.2	88.3	88.3
GE 6000	34.3	48.9	62.5	73.0	81.4	83.9	86.1	87.8	88.1	88.3	88.4	88.4	88.5	88.5	88.6	88.6
GE 5000	34.8	49.7	63.3	73.9	82.4	84.8	87.1	88.8	89.0	89.2	89.4	89.4	89.5	89.5	89.6	89.6
GE 4500	35.2	50.1	63.9	74.8	83.4	85.9	88.3	90.2	90.4	90.6	90.8	90.8	90.9	90.9	91.0	91.0
GE 4000	35.8	51.0	65.1	76.1	85.3	87.7	90.1	92.0	92.3	92.5	92.6	92.6	92.7	92.7	92.8	92.8
GE 3500	35.9	51.1	65.4	76.6	85.8	88.3	90.6	92.6	92.8	93.0	93.1	93.1	93.2	93.2	93.3	93.3
GE 3000	36.2	51.4	66.1	77.6	87.2	89.8	92.3	94.4	94.6	94.8	94.9	94.9	95.1	95.1	95.2	95.2
GE 2500	36.2	51.5	66.5	78.0	87.5	90.1	92.6	94.7	94.9	95.2	95.3	95.3	95.4	95.4	95.5	95.5
GE 2000	36.2	51.6	67.0	78.5	88.2	90.8	93.2	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1
GE 1800	36.2	51.6	67.0	78.5	88.2	90.8	93.2	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1
GE 1500	36.7	52.2	67.6	79.1	89.0	91.6	94.1	96.2	96.5	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 1200	36.7	52.2	67.6	79.1	89.0	91.6	94.3	96.5	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2
GE 1000	36.7	52.2	67.6	79.1	89.0	91.7	94.6	96.8	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.5
GE 900	36.7	52.2	67.7	79.5	89.5	92.2	95.2	97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.1	98.1
GE 800	36.7	52.2	67.7	79.5	89.5	92.2	95.3	97.4	97.6	97.8	98.0	98.0	98.1	98.1	98.2	98.2
GE 700	36.7	52.2	67.7	79.5	89.5	92.2	95.3	97.4	97.6	97.8	98.0	98.0	98.1	98.1	98.2	98.2
GE 600	36.7	52.2	67.7	79.5	89.5	92.2	95.3	97.4	97.6	97.8	98.0	98.0	98.1	98.1	98.2	98.2
GE 500	36.7	52.2	68.0	79.7	90.0	92.7	95.8	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.7
GE 400	36.7	52.2	68.0	79.7	90.0	92.9	96.0	98.4	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.2
GE 300	36.7	52.2	68.1	79.8	90.1	93.0	96.1	98.5	98.7	98.9	99.1	99.1	99.2	99.2	99.4	99.5
GE 200	36.7	52.2	68.1	79.8	90.1	93.0	96.1	98.5	98.7	98.9	99.1	99.1	99.4	99.4	99.5	99.7
GE 100	36.7	52.2	68.1	79.8	90.1	93.0	96.1	98.5	98.7	98.9	99.1	99.1	99.4	99.4	99.5	99.8
GE 000	36.7	52.2	68.1	79.8	90.1	93.0	96.1	98.5	98.7	98.9	99.1	99.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.9	33.7	42.9	51.6	59.1	60.6	63.7	65.5	66.0	66.3	66.6	66.6	66.6	66.7	66.7	66.7
GE 20000	24.5	37.7	48.1	58.3	66.1	67.7	70.8	72.8	73.3	73.7	73.9	73.9	73.9	74.0	74.0	74.0
GE 18000	24.6	37.8	48.2	58.4	66.2	67.8	70.9	72.9	73.4	73.8	74.0	74.0	74.0	74.1	74.1	74.1
GE 16000	24.6	37.8	48.2	58.4	66.2	67.8	70.9	72.9	73.4	73.8	74.0	74.0	74.0	74.1	74.1	74.1
GE 14000	24.9	38.5	48.9	59.2	67.1	68.7	71.8	73.9	74.4	74.7	74.9	74.9	74.9	75.1	75.1	75.1
GE 12000	25.5	39.1	50.0	60.6	68.7	70.3	73.4	75.5	76.0	76.3	76.6	76.6	76.6	76.7	76.7	76.7
GE 10000	27.0	42.0	53.7	64.9	73.9	76.2	79.7	81.8	82.4	82.7	82.9	82.9	82.9	83.0	83.0	83.0
GE 9000	27.0	42.0	53.8	65.1	74.2	76.6	80.0	82.2	82.7	83.0	83.2	83.2	83.2	83.3	83.3	83.3
GE 8000	28.7	44.9	57.2	68.7	78.2	81.1	84.8	87.0	87.5	87.8	88.1	88.1	88.1	88.2	88.2	88.2
GE 7000	29.6	45.9	58.2	69.7	79.1	82.0	85.8	88.0	88.5	88.8	89.0	89.0	89.0	89.1	89.1	89.1
GE 6000	29.7	46.0	58.3	69.9	79.4	82.3	86.0	88.2	88.7	89.0	89.2	89.2	89.2	89.4	89.4	89.4
GE 5000	29.8	46.5	58.7	70.3	79.9	82.9	86.7	88.8	89.4	89.7	89.9	89.9	89.9	90.0	90.0	90.0
GE 4500	29.9	46.8	59.0	70.6	80.3	83.3	87.1	89.2	89.8	90.1	90.3	90.3	90.3	90.4	90.4	90.4
GE 4000	30.2	47.3	59.9	71.7	81.4	84.5	88.3	90.5	91.1	91.4	91.6	91.6	91.6	91.7	91.7	91.7
GE 3500	30.4	47.6	60.3	72.2	81.8	84.9	88.7	91.0	91.5	91.8	92.0	92.0	92.0	92.2	92.2	92.2
GE 3000	30.6	48.1	60.9	72.7	82.5	85.9	89.9	92.2	92.7	93.0	93.2	93.2	93.2	93.3	93.3	93.3
GE 2500	30.6	48.1	60.9	72.8	82.6	86.1	90.1	92.4	92.9	93.2	93.4	93.4	93.4	93.5	93.5	93.5
GE 2000	30.6	48.5	61.4	73.3	83.1	86.7	90.8	93.0	93.5	93.9	94.1	94.1	94.1	94.2	94.2	94.2
GE 1800	30.6	48.5	61.4	73.3	83.1	86.7	90.9	93.2	93.8	94.1	94.3	94.3	94.3	94.4	94.4	94.4
GE 1500	30.8	48.7	61.8	73.9	83.8	87.4	91.6	94.1	94.6	94.9	95.2	95.2	95.2	95.3	95.3	95.3
GE 1200	31.0	49.0	62.2	74.4	84.3	88.0	92.3	94.7	95.3	95.6	95.8	95.8	95.8	95.9	95.9	95.9
GE 1000	31.0	49.0	62.4	74.6	84.5	88.2	92.7	95.2	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3
GE 900	31.0	49.1	62.6	74.8	84.9	88.6	93.1	95.6	96.1	96.5	96.7	96.7	96.7	96.8	96.8	96.8
GE 800	31.0	49.1	62.7	75.1	85.4	89.0	93.7	96.1	96.7	97.0	97.2	97.2	97.2	97.3	97.3	97.3
GE 700	31.0	49.1	62.8	75.2	85.5	89.1	93.8	96.2	96.8	97.3	97.5	97.5	97.7	97.8	97.8	97.8
GE 600	31.0	49.1	62.8	75.2	85.5	89.2	93.9	96.3	96.9	97.4	97.6	97.6	97.8	98.0	98.0	98.0
GE 500	31.2	49.4	63.0	75.4	86.0	90.0	94.7	97.3	97.8	98.4	98.6	98.6	98.8	98.9	98.9	98.9
GE 400	31.2	49.4	63.0	75.4	86.0	90.0	95.1	97.6	98.2	98.7	98.9	98.9	99.1	99.2	99.2	99.2
GE 300	31.2	49.4	63.0	75.4	86.0	90.1	95.3	97.8	98.4	98.9	99.1	99.1	99.5	99.6	99.6	99.8
GE 200	31.2	49.4	63.0	75.4	86.0	90.1	95.3	97.8	98.4	99.0	99.2	99.2	99.6	99.7	99.7	99.9
GE 100	31.2	49.4	63.0	75.4	86.0	90.1	95.3	97.8	98.4	99.0	99.2	99.2	99.6	99.7	99.7	100.0
GE 000	31.2	49.4	63.0	75.4	86.0	90.1	95.3	97.8	98.4	99.0	99.2	99.2	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.3	52.7	58.7	63.3	65.1	65.3	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	41.9	57.8	65.4	70.5	72.7	72.9	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	41.9	57.8	65.4	70.5	72.7	72.9	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	42.3	58.2	65.7	70.9	73.0	73.2	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	42.7	58.6	66.1	71.3	73.4	73.7	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 12000	43.1	59.0	66.9	72.5	74.7	74.9	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	45.5	62.7	71.7	78.0	80.5	80.8	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 9000	45.6	62.8	71.8	78.1	80.6	80.9	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	47.2	65.3	75.1	81.3	83.9	84.1	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	47.8	66.0	75.8	82.0	84.6	84.8	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	48.1	66.2	76.0	82.3	84.8	85.1	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	48.2	67.2	77.2	83.4	86.1	86.3	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	48.2	67.4	77.5	83.9	86.6	86.8	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	48.5	68.3	78.6	85.4	88.1	88.3	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	49.1	69.2	79.8	86.6	89.2	89.5	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	50.2	70.6	81.2	88.0	90.6	90.9	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	50.5	71.9	82.6	89.6	92.4	92.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	50.9	72.3	83.1	90.2	93.2	93.4	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	51.0	72.6	83.4	90.6	93.7	93.9	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	51.4	73.5	84.6	92.2	95.5	95.8	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	51.5	74.0	85.4	93.3	96.7	97.0	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	51.5	74.1	85.5	93.7	97.0	97.5	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	51.6	74.2	85.6	93.8	97.1	97.6	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	51.6	74.2	85.6	93.8	97.3	98.0	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	51.6	74.3	85.7	93.9	97.6	98.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	51.6	74.3	85.8	94.0	97.7	98.4	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	51.6	74.3	85.9	94.1	98.0	98.7	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	51.6	74.3	85.9	94.1	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	51.6	74.3	85.9	94.1	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	51.6	74.3	85.9	94.1	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	51.6	74.3	85.9	94.1	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	51.6	74.3	85.9	94.1	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	56.5	61.3	63.3	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	52.4	65.6	71.2	73.7	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	52.8	66.0	71.6	74.1	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	52.9	66.1	71.7	74.2	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	53.7	66.9	72.7	75.2	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	54.4	68.0	74.4	77.1	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	57.5	71.9	78.7	81.8	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000	58.3	72.8	79.6	82.7	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	59.7	74.6	81.6	84.7	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	60.1	75.1	82.0	85.2	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	60.3	75.3	82.3	85.4	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	60.4	75.8	82.9	86.0	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	60.6	76.7	83.8	86.9	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	62.0	78.9	86.0	89.2	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	62.2	79.4	86.7	90.0	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	63.8	81.9	89.6	93.1	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
GE 2500	64.7	83.9	91.5	95.1	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5
GE 2000	65.7	84.9	92.9	96.5	97.4	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
GE 1800	65.8	85.3	93.2	96.9	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 1500	66.0	85.8	94.2	97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 1200	66.0	85.9	94.4	98.1	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 1000	66.0	85.9	94.4	98.1	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 900	66.0	85.9	94.4	98.1	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 800	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 700	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	66.0	85.9	94.4	98.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.5	59.5	62.7	64.2	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	54.2	66.9	71.3	73.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	54.3	67.0	71.4	73.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	54.3	67.0	71.4	73.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	55.2	68.4	72.8	74.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	56.1	70.0	74.7	76.7	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	58.5	73.1	78.6	81.1	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 9000	58.7	73.4	78.9	81.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 8000	60.8	75.8	81.4	83.9	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 7000	61.0	76.0	81.6	84.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 6000	61.1	76.1	81.7	84.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	61.7	77.2	83.1	85.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	62.5	78.2	84.4	87.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 4000	63.7	79.8	86.1	89.5	90.6	90.6	90.6	90.6	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0
GE 3500	65.4	81.7	88.1	91.6	92.9	92.9	92.9	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2
GE 3000	67.5	84.2	90.9	94.5	96.0	96.1	96.2	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7
GE 2500	68.5	85.3	91.9	95.6	97.1	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 2000	68.8	85.8	92.6	96.3	98.0	98.1	98.2	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 1800	68.8	85.9	92.7	96.5	98.1	98.2	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 1500	68.9	86.3	93.2	97.0	98.7	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 1200	69.0	86.5	93.3	97.1	99.0	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 1000	69.0	86.5	93.3	97.1	99.0	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 900	69.0	86.5	93.3	97.1	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 800	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	69.0	86.5	93.3	97.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72438

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.1	61.4	66.0	68.2	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	57.0	68.4	74.2	76.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 18000	57.2	68.6	74.4	76.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000	57.2	68.6	74.4	76.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	57.5	69.4	75.3	77.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 12000	58.8	70.9	76.9	79.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 10000	62.2	75.7	82.0	85.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 9000	62.8	76.7	83.0	86.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000	65.2	79.2	85.9	89.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 7000	65.9	80.0	86.7	90.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 6000	66.1	80.2	86.9	90.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 5000	67.3	81.6	88.3	91.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	67.7	82.4	89.2	92.9	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	68.2	82.9	90.2	94.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	68.8	83.5	90.9	94.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	69.4	84.5	91.9	96.1	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	69.5	84.6	92.0	96.2	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	69.8	84.9	92.4	96.8	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	69.8	84.9	92.4	96.8	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	69.8	84.9	92.4	96.8	98.7	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	69.8	84.9	92.4	96.8	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	69.8	84.9	92.5	96.9	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	69.8	84.9	92.5	96.9	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	69.8	84.9	92.5	96.9	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	69.8	84.9	92.5	97.0	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	69.8	84.9	92.5	97.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	69.8	84.9	92.5	97.0	99.1	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	69.8	84.9	92.5	97.0	99.2	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.8	84.9	92.5	97.0	99.2	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.8	84.9	92.5	97.0	99.2	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.8	84.9	92.5	97.0	99.2	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.8	84.9	92.5	97.0	99.2	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	60.8	68.5	72.6	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 20000	52.6	64.7	73.0	77.5	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 18000	52.7	64.8	73.1	77.6	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 16000	52.7	64.8	73.1	77.6	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 14000	52.7	65.2	73.4	78.1	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 12000	53.3	65.8	74.5	79.2	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 10000	56.0	69.8	79.4	84.4	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000	56.2	70.1	79.8	84.8	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 8000	57.8	72.3	81.9	87.3	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 7000	58.4	72.9	82.6	88.0	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	58.7	73.2	82.9	88.3	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000	59.7	74.4	84.3	89.8	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	59.9	74.7	85.1	90.9	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	60.5	75.5	86.1	92.4	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	60.8	75.7	86.6	92.8	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	60.9	75.9	87.4	93.7	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	61.1	76.1	87.8	94.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	61.5	76.6	88.4	94.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	61.5	76.6	88.4	94.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	61.5	76.7	88.5	94.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	61.5	76.7	88.5	94.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	61.5	76.7	88.6	95.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	61.5	76.7	88.6	95.1	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	61.5	76.7	88.6	95.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	61.5	76.7	88.6	95.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	61.5	76.7	88.6	95.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	61.5	76.7	88.6	95.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	61.5	76.7	88.6	95.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	61.5	76.7	88.6	95.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	61.5	76.7	88.6	95.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.5	76.7	88.6	95.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	61.5	76.7	88.6	95.2	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	52.4	59.5	64.3	67.2	67.9	68.6	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
GE 20000	44.8	57.8	65.9	71.4	74.8	75.6	76.3	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
GE 18000	45.0	57.9	66.1	71.6	75.0	75.7	76.5	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 16000	45.0	58.0	66.1	71.7	75.1	75.8	76.5	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	45.4	58.5	66.7	72.3	75.7	76.5	77.2	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0
GE 12000	46.0	59.4	68.0	73.7	77.2	78.0	78.7	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5
GE 10000	48.5	62.9	72.1	78.4	82.1	83.0	83.8	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 9000	48.7	63.3	72.5	78.7	82.6	83.5	84.3	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
GE 8000	50.4	65.5	75.1	81.5	85.5	86.4	87.3	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 7000	50.9	66.0	75.6	82.1	86.1	87.0	87.9	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 6000	51.1	66.3	75.8	82.4	86.3	87.3	88.1	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	51.6	67.1	76.7	83.3	87.3	88.3	89.2	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	51.9	67.6	77.5	84.2	88.3	89.2	90.1	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	52.6	68.6	78.9	85.8	90.0	91.0	91.9	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	53.1	69.3	79.6	86.6	90.9	91.9	92.8	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	53.9	70.3	80.9	88.1	92.6	93.6	94.6	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	54.2	71.0	81.7	88.9	93.4	94.5	95.4	96.0	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4
GE 2000	54.5	71.4	82.3	89.6	94.2	95.2	96.2	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1800	54.6	71.5	82.4	89.7	94.3	95.4	96.4	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	54.7	71.9	82.9	90.3	95.0	96.1	97.1	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	54.8	72.0	83.1	90.6	95.3	96.4	97.5	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 1000	54.8	72.0	83.2	90.7	95.4	96.6	97.7	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	54.8	72.1	83.2	90.8	95.6	96.7	97.9	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 800	54.8	72.1	83.3	90.8	95.7	96.9	98.1	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1
GE 700	54.8	72.1	83.3	90.9	95.8	97.0	98.2	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	54.8	72.1	83.3	90.9	95.8	97.0	98.3	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3
GE 500	54.9	72.1	83.4	91.0	96.0	97.3	98.5	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	54.9	72.1	83.4	91.0	96.0	97.4	98.6	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	54.9	72.1	83.4	91.0	96.1	97.4	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	54.9	72.1	83.4	91.0	96.1	97.4	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	54.9	72.1	83.4	91.0	96.1	97.4	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	54.9	72.1	83.4	91.0	96.1	97.4	98.7	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	53.0	62.4	68.2	72.9	73.5	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 20000	46.2	55.9	65.9	73.0	78.8	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 18000	46.2	55.9	65.9	73.0	78.8	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 16000	46.3	56.0	66.0	73.1	78.9	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
GE 14000	47.3	57.0	67.0	74.1	79.9	80.5	80.9	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 12000	48.6	58.3	68.3	75.8	81.6	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 10000	51.0	61.1	71.3	79.5	85.5	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 9000	51.1	61.2	71.4	79.7	85.7	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
GE 8000	52.2	62.3	72.8	81.1	87.1	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 7000	52.7	63.1	73.7	82.0	88.1	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 6000	53.0	63.4	74.0	82.4	88.7	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 5000	53.1	63.7	74.4	83.0	89.7	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 4500	53.3	64.1	74.8	83.8	91.2	91.9	92.3	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 4000	53.9	64.7	75.7	84.8	92.3	93.0	93.3	93.5	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 3500	54.3	65.4	76.3	85.5	93.1	93.9	94.2	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 3000	54.6	66.0	77.0	86.2	95.2	95.9	96.2	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 2500	54.6	66.0	77.0	86.3	95.4	96.2	96.8	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 2000	54.6	66.0	77.0	86.5	95.5	96.3	97.1	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 1800	54.6	66.0	77.0	86.5	95.5	96.3	97.1	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 1500	54.6	66.0	77.1	86.6	95.6	96.5	97.2	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1200	54.6	66.0	77.1	86.6	95.6	96.5	97.2	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1000	54.6	66.0	77.4	86.9	95.9	96.8	97.5	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 900	54.6	66.0	77.4	86.9	95.9	96.8	97.5	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	54.6	66.1	77.5	87.0	96.0	96.9	97.6	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	54.6	66.5	77.8	87.3	96.3	97.3	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	54.6	66.5	77.8	87.4	96.5	97.5	98.4	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	54.6	66.5	77.8	87.4	96.9	98.0	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	54.6	66.5	77.8	87.4	96.9	98.0	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	54.6	66.5	77.8	87.4	96.9	98.0	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	54.6	66.5	78.0	87.5	97.0	98.1	98.9	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	54.6	66.5	78.0	87.6	97.1	98.2	99.0	99.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	54.6	66.5	78.0	87.6	97.1	98.2	99.0	99.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.8	41.6	50.5	59.8	65.9	68.5	69.8	70.9	70.9	71.4	71.6	71.6	71.7	71.7	71.8	71.8
GE 20000	34.5	44.1	53.2	63.5	70.3	72.9	74.4	75.5	75.5	76.0	76.2	76.2	76.3	76.3	76.5	76.5
GE 18000	34.5	44.1	53.2	63.5	70.3	72.9	74.4	75.5	75.5	76.0	76.2	76.2	76.3	76.3	76.5	76.5
GE 16000	34.7	44.3	53.4	63.8	70.5	73.1	74.6	75.7	75.7	76.2	76.5	76.5	76.6	76.6	76.7	76.7
GE 14000	35.4	44.9	54.1	64.5	71.4	74.0	75.6	76.7	76.7	77.2	77.4	77.4	77.5	77.5	77.6	77.6
GE 12000	36.3	46.1	55.5	66.1	73.0	75.7	77.3	78.4	78.4	78.9	79.1	79.1	79.2	79.2	79.4	79.4
GE 10000	38.2	48.7	58.3	69.2	76.6	79.5	81.2	82.3	82.3	82.8	83.0	83.0	83.1	83.1	83.2	83.2
GE 9000	38.4	48.9	58.5	69.8	77.2	80.1	81.8	83.0	83.0	83.5	83.8	83.8	83.9	83.9	84.0	84.0
GE 8000	39.0	49.7	59.6	70.9	78.3	81.2	82.9	84.1	84.1	84.6	84.8	84.8	84.9	84.9	85.1	85.1
GE 7000	39.9	50.6	60.8	72.5	80.0	83.0	84.7	85.9	86.0	86.6	86.8	86.8	86.9	86.9	87.0	87.0
GE 6000	40.2	51.0	61.1	72.8	80.4	83.4	85.2	86.3	86.5	87.0	87.2	87.2	87.3	87.3	87.4	87.4
GE 5000	40.4	51.4	61.7	73.8	81.7	84.7	86.5	87.6	87.7	88.3	88.6	88.6	88.7	88.7	88.8	88.8
GE 4500	40.9	51.9	62.3	74.5	82.8	86.0	88.0	89.1	89.2	89.8	90.2	90.2	90.3	90.3	90.4	90.4
GE 4000	41.4	52.6	63.2	75.7	84.2	87.4	89.7	90.9	91.0	91.5	91.9	91.9	92.0	92.0	92.2	92.2
GE 3500	41.6	52.8	63.4	75.9	84.8	88.1	90.3	91.6	91.7	92.3	92.7	92.7	92.8	92.8	92.9	92.9
GE 3000	41.6	53.1	63.8	76.6	86.0	89.2	91.5	92.8	93.0	93.5	94.0	94.0	94.1	94.1	94.2	94.2
GE 2500	41.9	53.5	64.2	77.1	86.8	90.0	92.3	93.7	93.9	94.4	94.8	94.8	94.9	94.9	95.1	95.1
GE 2000	42.0	53.7	64.3	77.2	87.0	90.2	92.5	93.9	94.1	94.6	95.1	95.1	95.2	95.2	95.3	95.3
GE 1800	42.0	53.7	64.3	77.2	87.0	90.2	92.5	93.9	94.1	94.6	95.1	95.1	95.2	95.2	95.3	95.3
GE 1500	42.2	53.9	64.5	77.4	87.4	90.6	93.0	94.4	94.6	95.2	95.6	95.6	95.7	95.7	95.8	95.8
GE 1200	42.2	53.9	64.5	77.4	87.5	90.8	93.1	94.5	94.7	95.3	95.7	95.7	95.8	95.8	95.9	95.9
GE 1000	42.2	53.9	64.5	77.4	87.5	90.8	93.1	94.5	94.7	95.3	95.7	95.7	95.8	95.8	95.9	95.9
GE 900	42.2	53.9	64.6	77.5	87.6	90.9	93.2	94.6	94.8	95.4	95.8	95.8	95.9	95.9	96.0	96.0
GE 800	42.3	54.1	64.8	78.0	88.2	91.4	93.8	95.2	95.4	95.9	96.3	96.3	96.5	96.5	96.6	96.6
GE 700	42.3	54.1	64.9	78.1	88.3	91.5	93.9	95.3	95.5	96.0	96.5	96.5	96.6	96.6	96.7	96.7
GE 600	42.4	54.2	65.1	78.2	88.6	91.8	94.5	95.9	96.1	96.8	97.2	97.2	97.3	97.3	97.4	97.4
GE 500	42.4	54.2	65.1	78.2	88.9	92.4	95.2	96.6	96.8	97.4	97.8	97.8	98.0	98.0	98.1	98.1
GE 400	42.4	54.2	65.2	78.3	89.1	92.6	95.7	97.2	97.5	98.3	98.8	98.8	98.9	98.9	99.0	99.0
GE 300	42.4	54.2	65.2	78.3	89.1	92.6	95.8	97.4	97.7	98.6	99.1	99.1	99.2	99.2	99.4	99.4
GE 200	42.4	54.2	65.2	78.3	89.1	92.6	95.8	97.4	97.7	98.6	99.1	99.1	99.2	99.2	99.4	99.5
GE 100	42.4	54.2	65.2	78.3	89.2	92.7	95.9	97.5	97.8	98.7	99.4	99.4	99.5	99.5	99.6	99.9
GE 000	42.4	54.2	65.2	78.3	89.2	92.7	95.9	97.5	97.8	98.7	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.1	31.8	38.8	46.3	55.8	59.0	61.7	62.8	63.3	63.7	63.8	63.8	64.0	64.0	64.0	64.2
GE 20000	25.4	35.3	43.2	52.3	62.5	65.8	68.8	70.1	70.6	71.0	71.1	71.1	71.3	71.3	71.4	71.6
GE 18000	25.4	35.3	43.2	52.3	62.5	65.8	68.8	70.1	70.6	71.0	71.1	71.1	71.3	71.3	71.4	71.6
GE 16000	25.4	35.3	43.2	52.3	62.5	65.8	68.8	70.1	70.6	71.0	71.1	71.1	71.3	71.3	71.4	71.6
GE 14000	25.7	35.6	43.8	52.9	63.1	66.5	69.5	70.8	71.3	71.6	71.7	71.7	71.9	71.9	72.0	72.3
GE 12000	26.5	36.8	45.3	54.6	64.9	68.4	71.4	72.8	73.3	73.7	73.8	73.8	74.0	74.0	74.1	74.3
GE 10000	28.1	39.2	48.8	58.8	69.7	73.4	76.6	78.0	78.5	78.9	79.0	79.0	79.2	79.2	79.4	79.6
GE 9000	28.1	39.2	49.0	59.1	70.0	73.8	76.9	78.3	78.6	79.5	79.6	79.6	79.8	79.8	79.9	80.1
GE 8000	29.6	40.9	51.4	61.5	72.6	76.5	79.8	81.2	81.9	82.6	82.7	82.7	82.9	82.9	83.0	83.2
GE 7000	30.4	41.8	52.5	62.8	73.9	78.1	81.4	82.8	83.5	84.2	84.3	84.3	84.5	84.5	84.6	84.8
GE 6000	30.4	41.9	52.7	63.2	74.5	78.7	82.2	83.5	84.3	84.9	85.1	85.1	85.3	85.3	85.4	85.6
GE 5000	31.1	42.7	53.8	64.4	75.7	80.2	83.7	85.1	85.8	86.6	86.8	86.8	87.0	87.0	87.1	87.3
GE 4500	31.4	43.2	54.3	64.9	76.2	80.8	84.2	85.6	86.3	87.1	87.3	87.3	87.5	87.5	87.6	87.8
GE 4000	31.7	44.1	55.2	65.8	77.2	81.7	85.4	86.8	87.5	88.3	88.5	88.5	88.7	88.7	88.8	89.0
GE 3500	32.0	44.4	55.6	66.3	77.8	82.5	86.5	87.8	88.7	89.5	89.8	89.8	90.0	90.0	90.1	90.3
GE 3000	32.4	44.7	56.1	66.9	78.7	83.4	87.5	89.0	90.0	90.8	91.1	91.1	91.3	91.3	91.4	91.6
GE 2500	32.6	45.3	56.7	67.5	79.6	84.6	88.9	90.4	91.4	92.3	92.6	92.6	92.8	92.8	92.9	93.1
GE 2000	32.9	45.6	57.0	67.8	80.0	85.4	89.8	91.5	92.5	93.3	93.7	93.7	93.9	93.9	94.0	94.2
GE 1800	32.9	45.6	57.0	67.8	80.0	85.4	89.8	91.5	92.5	93.3	93.7	93.7	93.9	93.9	94.0	94.2
GE 1500	33.0	45.7	57.3	68.2	80.4	85.8	90.2	91.9	92.9	93.8	94.1	94.1	94.3	94.3	94.4	94.6
GE 1200	33.1	45.8	57.4	68.3	80.5	85.9	90.3	92.0	93.0	93.9	94.3	94.3	94.5	94.5	94.6	94.8
GE 1000	33.1	45.9	57.6	68.5	80.8	86.1	90.5	92.6	93.5	94.4	94.8	94.8	95.1	95.1	95.2	95.4
GE 900	33.1	46.0	57.7	68.6	80.9	86.2	90.6	92.8	93.5	94.6	95.1	95.1	95.3	95.3	95.4	95.6
GE 800	33.1	46.0	57.7	68.6	81.0	86.3	90.9	93.0	94.0	94.8	95.3	95.3	95.5	95.5	95.7	95.9
GE 700	33.1	46.0	57.7	68.9	81.4	86.8	91.3	93.5	94.6	95.5	95.9	95.9	96.1	96.1	96.3	96.6
GE 600	33.3	46.2	58.0	69.2	81.7	87.2	91.7	94.2	95.3	96.3	96.8	96.8	97.0	97.0	97.2	97.4
GE 500	33.3	46.2	58.0	69.2	81.9	87.5	92.0	94.8	95.9	97.0	97.4	97.4	97.6	97.6	98.0	98.2
GE 400	33.3	46.2	58.0	69.2	81.9	87.6	92.2	95.2	96.3	97.4	98.1	98.1	98.3	98.3	98.6	98.9
GE 300	33.3	46.2	58.0	69.2	81.9	87.6	92.2	95.3	96.6	97.6	98.4	98.4	98.6	98.6	98.9	99.2
GE 200	33.3	46.2	58.0	69.2	81.9	87.6	92.2	95.3	96.6	97.6	98.5	98.5	98.9	98.9	99.5	99.8
GE 100	33.3	46.2	58.0	69.2	81.9	87.6	92.2	95.3	96.6	97.6	98.5	98.5	98.9	98.9	99.6	100.0
GE 000	33.3	46.2	58.0	69.2	81.9	87.6	92.2	95.3	96.6	97.6	98.5	98.5	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.3	49.9	58.9	63.8	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 20000	41.4	54.3	65.1	70.2	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	41.5	54.4	65.4	70.5	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	41.5	54.4	65.4	70.5	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	42.2	55.3	66.7	71.8	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 12000	42.8	56.5	68.0	73.1	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	45.1	59.7	71.8	77.1	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	45.3	60.1	72.4	77.6	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	47.0	62.3	74.9	80.3	82.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	47.3	62.8	75.6	81.1	83.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	47.4	63.0	75.8	81.3	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 5000	47.7	63.8	76.6	82.0	84.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	47.8	64.0	76.8	82.3	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	48.4	64.8	78.1	83.7	86.5	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	48.9	65.4	78.9	84.5	87.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	50.0	66.6	80.5	86.2	89.2	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	50.2	67.0	81.2	87.0	90.3	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	51.1	67.8	82.0	88.0	91.7	93.0	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	51.1	67.8	82.0	88.0	91.8	93.1	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	51.5	68.4	82.8	88.7	92.7	94.0	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	52.0	68.9	83.8	89.9	94.1	95.5	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	52.0	69.0	84.0	90.5	95.1	96.5	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	52.0	69.0	84.0	90.8	95.5	96.9	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	52.3	69.2	84.2	91.0	95.8	97.4	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	52.3	69.2	84.2	91.1	96.1	97.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	52.3	69.2	84.3	91.3	96.3	98.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	52.4	69.4	84.4	91.4	96.5	98.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	52.4	69.4	84.4	91.4	96.5	98.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	52.4	69.4	84.4	91.4	96.5	98.2	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	52.4	69.4	84.4	91.4	96.5	98.2	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	52.4	69.4	84.4	91.4	96.5	98.2	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	52.4	69.4	84.4	91.4	96.5	98.2	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 31



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	53.0	59.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	49.8	61.6	69.2	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	50.2	62.0	69.7	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	50.2	62.0	69.7	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	50.4	62.6	70.2	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	51.2	63.5	71.5	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	53.7	67.3	75.3	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	53.8	67.6	75.6	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	55.8	70.4	78.6	81.6	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	55.8	70.6	78.8	81.8	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	56.2	71.1	79.6	82.6	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	56.5	71.6	80.2	83.3	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	57.1	72.5	81.2	84.3	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	58.9	75.3	84.6	87.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	59.9	76.7	86.2	89.4	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 3000	61.8	78.8	89.7	93.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 2500	62.4	79.6	90.4	93.9	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 2000	62.6	79.9	90.9	94.3	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 1800	62.7	80.2	9.2	94.7	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 1500	63.0	80.6	91.9	95.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1200	63.1	80.9	92.5	96.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 1000	63.1	80.9	92.8	97.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	63.1	80.9	92.8	97.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	63.1	80.9	92.8	97.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	63.1	80.9	92.8	97.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	58.9	62.8	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	56.3	67.2	71.8	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	56.5	67.3	71.9	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	56.5	67.3	71.9	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	57.5	68.5	73.4	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 12000	58.4	69.5	74.6	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	61.1	73.2	79.2	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 9000	61.3	73.4	79.5	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	63.7	76.1	82.4	86.1	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	64.2	77.0	83.3	87.2	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	64.2	77.0	83.4	87.3	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000	64.7	77.7	84.4	88.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	65.1	78.3	85.3	89.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	66.7	80.2	87.7	91.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	67.2	81.2	88.7	93.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	67.4	81.6	89.7	94.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	67.7	82.3	90.5	95.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	68.0	82.5	90.9	96.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	68.0	82.6	91.0	96.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	68.0	82.6	91.1	96.7	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	68.0	82.7	91.2	96.8	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	68.0	82.7	91.5	97.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	68.0	82.7	91.5	97.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	68.0	82.7	91.6	97.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.0	82.7	91.6	97.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.4	57.8	62.6	65.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 20000	55.8	66.0	71.4	75.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	55.8	66.0	71.4	75.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 16000	55.9	66.1	71.5	75.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	56.5	66.8	72.4	76.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 12000	57.7	68.6	74.3	78.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 10000	60.6	72.3	79.1	84.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000	60.9	72.5	79.4	84.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 8000	61.9	73.9	81.0	86.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 7000	62.3	74.3	81.4	87.0	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000	62.5	74.5	81.7	87.4	89.9	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 5000	62.8	74.8	82.0	87.8	90.6	91.0	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	63.8	75.9	83.4	89.5	92.3	92.6	92.6	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	64.4	77.4	85.1	91.2	94.1	94.4	94.4	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	64.7	78.1	85.7	91.9	94.8	95.2	95.2	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	64.8	78.2	85.9	92.5	95.8	96.1	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	65.1	78.5	86.2	92.8	96.1	96.6	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	65.2	78.6	86.5	93.0	96.5	96.9	96.9	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	65.2	78.6	86.5	93.0	96.5	96.9	96.9	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	65.2	78.6	86.5	93.3	97.1	97.5	97.5	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	65.2	78.6	86.6	93.4	97.2	97.6	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	65.2	78.7	86.7	93.5	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	65.2	78.7	86.7	93.5	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	65.2	78.7	86.7	93.5	97.8	98.3	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	65.2	78.7	86.9	93.8	98.1	98.5	98.6	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	65.2	78.7	86.9	93.8	98.3	98.7	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	65.2	78.7	86.9	93.8	98.3	98.7	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	65.2	78.7	86.9	93.8	98.3	98.7	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.2	78.7	86.9	93.8	98.3	98.7	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.2	78.7	86.9	93.8	98.3	98.7	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.2	78.7	86.9	93.8	98.3	98.7	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.2	78.7	86.9	93.8	98.3	98.7	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	56.6	62.7	67.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	51.7	62.5	69.4	74.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 18000	51.8	62.6	69.5	74.6	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 16000	51.9	62.7	69.6	74.7	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 14000	52.8	63.8	70.8	75.9	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	53.3	64.5	71.5	76.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 10000	55.8	67.4	75.3	81.2	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 9000	56.0	67.6	75.6	81.6	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 8000	57.0	68.6	77.0	83.2	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 7000	57.1	68.9	77.3	83.5	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	57.2	69.0	77.6	84.0	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	57.1	69.9	78.7	84.6	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	58.1	70.3	79.4	86.7	92.0	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4000	59.2	71.7	81.0	88.3	93.7	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	59.6	72.0	81.3	88.7	94.2	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	60.0	72.6	81.9	89.8	96.3	96.7	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	60.0	72.7	82.2	90.0	96.8	97.4	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	60.0	72.7	82.2	90.0	96.8	97.4	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	60.0	72.7	82.2	90.0	96.8	97.4	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	60.0	72.7	82.3	90.1	96.9	97.5	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	60.0	72.7	82.3	90.1	96.9	97.5	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	60.0	72.8	82.4	90.3	97.1	97.7	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	60.0	72.8	82.4	90.3	97.1	97.7	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	60.0	72.8	82.4	90.3	97.1	97.7	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	60.0	72.8	82.4	90.3	97.2	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	60.2	73.1	82.7	90.6	97.5	98.3	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	60.2	73.1	82.7	90.6	97.5	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	60.2	73.1	82.7	90.6	97.5	98.3	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	60.2	73.1	82.7	90.6	97.5	98.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.2	73.1	82.7	90.6	97.5	98.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.2	73.1	82.7	90.6	97.5	98.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.2	73.1	82.7	90.6	97.5	98.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	50.3	57.3	62.2	65.8	66.7	67.3	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.9
GE 20000	45.1	55.9	63.7	69.4	73.5	74.4	75.0	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6
GE 18000	45.2	56.0	63.8	69.5	73.6	74.5	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.8
GE 16000	45.3	56.0	63.8	69.6	73.7	74.6	75.2	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 14000	46.0	56.8	64.8	70.6	74.7	75.6	76.2	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.9
GE 12000	46.9	58.0	66.1	72.1	76.1	77.1	77.7	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4
GE 10000	49.2	61.1	69.9	76.3	80.6	81.7	82.3	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 9000	49.3	61.3	70.2	76.7	81.0	82.1	82.7	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5
GE 8000	50.8	63.0	72.2	78.9	83.3	84.5	85.2	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9
GE 7000	51.2	63.7	72.9	79.7	84.2	85.4	86.1	86.5	8.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9
GE 6000	51.4	63.9	73.2	80.1	84.7	85.9	86.6	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4
GE 5000	51.8	64.4	74.0	81.0	85.8	87.2	87.8	88.2	88.3	88.5	88.6	88.6	88.6	88.6	88.7	88.7
GE 4500	52.2	65.0	74.7	81.9	86.8	88.2	89.0	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE 4000	53.1	66.4	76.3	83.6	88.7	90.0	90.9	91.3	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8
GE 3500	53.5	67.0	77.0	84.4	89.6	91.0	91.9	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.9
GE 3000	54.1	67.7	78.1	85.7	91.4	92.8	93.8	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.9	94.9
GE 2500	54.3	68.1	78.5	86.3	92.2	93.7	94.7	95.2	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8
GE 2000	54.5	68.3	78.8	86.6	92.6	94.2	95.3	95.8	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.5
GE 1800	54.6	68.4	78.9	86.7	92.7	94.3	95.4	95.9	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.6
GE 1500	54.7	68.6	79.2	87.1	93.3	94.9	96.0	96.6	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1200	54.8	68.7	79.4	87.4	93.7	95.3	96.4	96.9	97.1	97.4	97.5	97.5	97.5	97.5	97.6	97.6
GE 1000	54.8	68.7	79.6	87.7	94.1	95.7	96.8	97.4	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1
GE 900	54.8	68.8	79.6	87.7	94.2	95.8	96.9	97.5	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 800	54.8	68.8	79.7	87.8	94.3	96.0	97.1	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 700	54.8	68.9	79.8	88.0	94.5	96.2	97.4	98.1	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.8
GE 600	54.9	68.9	79.9	88.1	94.7	96.4	97.7	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 500	54.9	69.0	79.9	88.1	94.9	96.6	97.9	98.6	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4
GE 400	54.9	69.0	79.9	88.1	94.9	96.6	98.0	98.8	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7
GE 300	54.9	69.0	79.9	88.1	94.9	96.6	98.0	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8
GE 200	54.9	69.0	79.9	88.1	94.9	96.7	98.0	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.8	99.9
GE 100	54.9	69.0	79.9	88.2	94.9	96.7	98.1	98.9	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	54.9	69.0	79.9	88.2	94.9	96.7	98.1	98.9	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	63.2	67.0	69.1	69.8	70.1	70.4	70.7	70.7	70.8	71.0	71.0	71.1	71.1	71.1	71.1
GE 20000	57.6	66.6	70.8	73.1	73.9	74.2	74.8	75.0	75.0	75.1	75.3	75.3	75.6	75.6	75.6	75.6
GE 18000	57.6	66.6	70.8	73.1	73.9	74.2	74.8	75.0	75.0	75.1	75.3	75.3	75.6	75.6	75.6	75.6
GE 16000	57.6	66.6	70.8	73.1	73.9	74.2	74.8	75.0	75.0	75.1	75.3	75.3	75.6	75.6	75.6	75.6
GE 14000	58.1	67.1	71.4	73.8	74.6	74.9	75.4	75.7	75.7	75.8	76.0	76.0	76.2	76.2	76.2	76.2
GE 12000	58.6	67.9	72.3	74.7	75.4	75.8	76.3	76.6	76.6	76.7	76.9	76.9	77.1	77.1	77.1	77.1
GE 10000	61.9	71.7	76.8	79.3	80.6	80.9	81.4	81.7	81.7	81.8	82.0	82.0	82.2	82.2	82.2	82.2
GE 9000	62.4	72.2	77.3	79.9	81.1	81.4	82.0	82.2	82.2	82.3	82.6	82.6	82.8	82.8	82.8	82.8
GE 8000	63.0	73.0	78.2	81.0	82.2	82.6	83.1	83.3	83.3	83.4	83.7	83.7	83.9	83.9	83.9	83.9
GE 7000	63.2	73.6	79.0	81.9	83.1	83.4	84.0	84.2	84.2	84.3	84.6	84.6	84.8	84.8	84.8	84.8
GE 6000	63.2	73.7	79.1	82.0	83.2	83.6	84.1	84.3	84.3	84.4	84.7	84.7	84.9	84.9	84.9	84.9
GE 5000	63.9	74.9	80.4	83.7	85.0	85.3	85.9	86.1	86.1	86.2	86.4	86.4	86.7	86.7	86.7	86.7
GE 4500	65.6	76.7	82.6	85.8	87.2	87.6	88.1	88.3	88.3	88.4	88.7	88.7	88.9	88.9	88.9	88.9
GE 4000	66.4	78.0	84.4	87.9	89.7	90.0	90.6	90.8	90.8	90.9	91.1	91.1	91.3	91.3	91.3	91.3
GE 3500	67.1	79.0	85.6	89.0	90.8	91.1	91.7	91.9	91.9	92.0	92.2	92.2	92.4	92.4	92.4	92.4
GE 3000	67.6	79.7	86.3	90.1	92.0	92.4	93.0	93.3	93.3	93.4	93.7	93.7	93.9	93.9	93.9	93.9
GE 2500	67.8	80.2	87.0	90.8	92.7	93.1	93.7	94.0	94.0	94.1	94.3	94.3	94.6	94.6	94.6	94.6
GE 2000	67.9	80.9	87.7	91.7	93.7	94.1	94.7	95.0	95.0	95.1	95.3	95.3	95.6	95.6	95.6	95.6
GE 1800	67.9	80.9	87.7	91.7	93.7	94.1	94.7	95.0	95.0	95.1	95.3	95.3	95.6	95.6	95.6	95.6
GE 1500	68.4	81.7	88.4	92.6	94.8	95.2	95.8	96.1	96.1	96.2	96.4	96.4	96.7	96.7	96.7	96.7
GE 1200	69.2	82.6	89.4	93.6	95.8	96.2	96.8	97.1	97.1	97.2	97.4	97.4	97.7	97.7	97.7	97.7
GE 1000	69.4	82.9	89.8	93.9	96.3	96.8	97.3	97.7	97.7	97.8	98.0	98.0	98.2	98.2	98.2	98.2
GE 900	69.6	83.0	89.9	94.0	96.4	96.9	97.4	97.8	97.8	97.9	98.1	98.1	98.3	98.3	98.3	98.3
GE 800	69.6	83.0	89.9	94.0	96.4	96.9	97.4	97.8	97.8	97.9	98.1	98.1	98.3	98.3	98.3	98.3
GE 700	69.6	83.0	89.9	94.0	96.6	97.0	97.6	97.9	97.9	98.0	98.2	98.2	98.4	98.4	98.4	98.4
GE 600	69.6	83.0	89.9	94.3	96.9	97.3	97.9	98.2	98.2	98.3	98.6	98.6	98.8	98.8	98.8	98.8
GE 500	69.9	83.3	90.2	95.0	97.6	98.0	98.6	99.1	99.1	99.2	99.4	99.4	99.7	99.7	99.7	99.7
GE 400	69.9	83.3	90.2	95.1	97.7	98.1	98.8	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	69.9	83.3	90.2	95.1	97.7	98.1	98.8	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	69.9	83.3	90.2	95.1	97.7	98.1	98.8	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	69.9	83.3	90.2	95.1	97.7	98.1	98.8	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	69.9	83.3	90.2	95.1	97.7	98.1	98.8	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GL 0
NO CEIL	45.6	55.8	60.7	65.3	67.8	68.2	68.8	69.0	69.0	69.1	69.1	69.1	69.3	69.4	69.8	69.8
GE 20000	47.4	58.1	63.3	68.1	70.8	71.2	71.8	72.0	72.0	72.1	72.1	72.1	72.3	72.4	72.8	72.8
GE 18000	47.4	58.1	63.3	68.1	70.8	71.2	71.8	72.0	72.0	72.1	72.1	72.1	72.3	72.4	72.8	72.8
GE 16000	47.4	58.1	63.3	68.1	70.8	71.2	71.8	72.0	72.0	72.1	72.1	72.1	72.3	72.4	72.8	72.8
GE 14000	48.1	58.8	64.0	68.8	71.4	71.9	72.4	72.7	72.7	72.8	72.8	72.8	73.0	73.1	73.4	73.4
GE 12000	48.7	59.3	64.8	69.6	72.3	72.8	73.3	73.6	73.6	73.7	73.7	73.7	73.9	74.0	74.3	74.3
GE 10000	51.8	62.9	69.0	74.9	78.	78.4	79.0	79.2	79.2	79.3	79.3	79.3	79.6	79.7	80.1	80.1
GE 9000	52.4	63.6	69.7	75.7	78.8	79.2	79.8	80.0	80.0	80.1	80.1	80.1	80.3	80.4	80.9	80.9
GE 8000	53.9	65.1	71.3	77.3	80.6	81.0	81.6	81.8	81.8	81.9	81.9	81.9	82.1	82.2	82.7	82.7
GE 7000	54.1	65.3	71.8	78.1	81.3	81.8	82.3	82.6	82.6	82.7	82.7	82.7	82.9	83.0	83.4	83.4
GE 6000	54.1	65.6	72.0	78.3	81.6	82.0	82.6	82.8	82.8	82.9	82.9	82.9	83.1	83.2	83.7	83.7
GE 5000	54.4	66.2	73.0	79.7	83.0	83.4	84.0	84.2	84.2	84.3	84.3	84.3	84.6	84.7	85.1	85.1
GE 4500	55.6	67.7	75.0	81.9	85.2	85.7	86.2	86.4	86.4	86.6	86.6	86.6	86.8	86.9	87.3	87.3
GE 4000	55.8	68.0	75.6	82.7	86.1	86.7	87.3	87.6	87.6	87.7	87.7	87.7	87.9	88.0	88.4	88.4
GE 3500	56.6	68.9	76.4	83.7	87.2	87.8	88.4	88.7	88.7	88.8	88.8	88.8	89.0	89.1	89.6	89.6
GE 3000	57.3	70.2	77.8	85.2	88.8	89.3	90.1	90.3	90.3	90.4	90.4	90.4	90.7	90.8	91.2	91.2
GE 2500	57.4	70.3	78.0	85.4	89.1	89.7	90.4	90.7	90.7	90.8	90.8	90.8	91.0	91.1	91.6	91.6
GE 2000	57.4	70.9	78.7	86.3	90.1	90.7	91.4	91.7	91.7	91.8	91.8	91.8	92.0	92.1	92.6	92.6
GE 1800	57.6	71.0	78.9	86.6	90.4	91.0	91.8	92.0	92.0	92.1	92.1	92.1	92.3	92.4	92.9	92.9
GE 1500	57.7	71.2	79.3	87.1	91.2	91.8	92.6	92.8	92.8	92.9	92.9	92.9	93.1	93.2	93.7	93.7
GE 1200	58.2	72.0	80.2	88.2	92.4	93.0	93.8	94.1	94.1	94.2	94.2	94.2	94.4	94.6	95.0	95.0
GE 1000	59.0	72.9	81.1	89.2	93.4	94.0	94.9	95.2	95.2	95.3	95.3	95.3	95.6	95.7	96.1	96.1
GE 900	59.0	72.9	81.2	89.3	93.6	94.1	95.0	95.3	95.3	95.4	95.4	95.4	95.7	95.8	96.2	96.2
GE 800	59.0	73.0	81.6	90.1	94.3	94.9	95.8	96.1	96.1	96.2	96.2	96.2	96.4	96.6	97.0	97.0
GE 700	59.1	73.2	81.9	90.4	94.7	95.2	96.2	96.6	96.6	96.7	96.7	96.7	96.9	97.0	97.4	97.4
GE 600	59.1	73.2	82.1	90.8	95.0	95.6	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.3	97.8	97.8
GE 500	59.3	73.8	82.8	91.4	95.7	96.2	97.2	97.7	97.7	97.8	97.8	97.8	98.0	98.1	98.6	98.6
GE 400	59.6	74.0	83.0	91.7	96.3	96.9	97.9	98.3	98.3	98.4	98.4	98.4	98.7	98.8	99.2	99.3
GE 300	59.6	74.0	83.0	91.7	96.4	97.2	98.2	98.7	98.7	98.9	99.0	99.0	99.2	99.3	99.8	99.9
GE 200	59.6	74.0	83.0	91.7	96.4	97.2	98.2	98.7	98.7	98.9	99.0	99.0	99.2	99.3	99.8	99.9
GE 100	59.6	74.0	83.0	91.7	96.4	97.2	98.2	98.7	98.7	99.0	99.1	99.1	99.3	99.4	99.9	100.0
GE 000	59.6	74.0	83.0	91.7	96.4	97.2	98.2	98.7	98.7	99.0	99.1	99.1	99.3	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.2	39.3	45.3	50.2	55.3	56.3	58.6	58.7	58.7	59.1	59.2	59.2	59.2	59.3	59.4	59.6
GE 20000	32.4	43.4	50.0	55.1	60.6	61.6	63.8	63.9	63.9	64.3	64.4	64.4	64.6	64.7	64.8	64.9
GE 18000	32.6	43.6	50.1	55.2	60.7	61.7	63.9	64.0	64.0	64.4	64.6	64.6	64.7	64.8	64.9	65.0
GE 16000	32.6	43.6	50.1	55.2	60.7	61.7	63.9	64.0	64.0	64.4	64.6	64.6	64.7	64.8	64.9	65.0
GE 14000	32.7	43.8	50.4	56.0	61.6	62.6	64.9	65.1	65.1	65.6	65.7	65.7	65.8	65.9	66.0	66.1
GE 12000	33.1	44.6	51.8	57.3	63.1	64.1	66.4	66.7	66.7	67.1	67.2	67.2	67.3	67.4	67.6	67.7
GE 10000	36.9	49.4	57.1	63.1	69.6	70.8	73.1	73.3	73.3	73.8	73.9	73.9	74.0	74.1	74.2	74.3
GE 9000	37.2	49.9	57.6	63.6	70.0	71.2	73.6	73.8	73.8	74.2	74.3	74.3	74.4	74.6	74.7	74.8
GE 8000	39.0	52.4	60.4	66.6	73.1	74.3	76.7	77.1	77.1	77.6	77.7	77.7	77.8	77.9	78.0	78.1
GE 7000	39.6	53.1	61.2	67.7	74.4	75.7	78.0	78.4	78.4	78.9	79.0	79.0	79.1	79.3	79.4	79.6
GE 6000	39.7	53.2	61.3	67.8	74.6	75.8	78.1	78.7	78.7	79.1	79.2	79.2	79.3	79.6	79.7	79.8
GE 5000	40.6	54.3	62.4	69.6	76.6	77.9	80.3	80.9	80.9	81.4	81.6	81.6	81.7	81.9	82.0	82.1
GE 4500	41.7	55.4	64.1	71.7	78.9	80.2	82.7	83.2	83.2	83.8	83.9	83.9	84.0	84.2	84.3	84.4
GE 4000	42.3	56.3	65.2	72.9	80.2	81.7	84.1	84.7	84.7	85.2	85.3	85.3	85.4	85.7	85.8	85.9
GE 3500	42.7	56.8	65.8	73.6	81.0	82.9	85.4	86.0	86.0	86.6	86.7	86.7	86.8	87.0	87.1	87.2
GE 3000	43.3	58.0	67.1	75.8	83.3	85.3	87.9	88.4	88.4	89.0	89.1	89.1	89.2	89.4	89.6	89.7
GE 2500	43.3	58.1	67.2	75.9	83.4	85.4	88.0	88.6	88.7	89.2	89.3	89.3	89.4	89.7	89.8	89.9
GE 2000	43.4	58.4	67.8	76.6	84.1	86.1	88.8	89.3	89.4	90.0	90.1	90.1	90.2	90.4	90.6	90.7
GE 1800	43.4	58.6	68.1	76.9	84.4	86.4	89.1	89.7	89.8	90.3	90.4	90.4	90.6	90.8	90.9	91.0
GE 1500	43.6	59.0	68.9	78.0	85.7	87.7	90.3	90.9	91.1	91.7	91.8	91.8	91.9	92.1	92.2	92.3
GE 1200	44.2	59.9	69.9	79.1	86.9	88.9	91.6	92.1	92.3	92.9	93.0	93.0	93.1	93.3	93.4	93.6
GE 1000	44.3	60.2	70.2	80.0	87.9	89.9	92.6	93.1	93.3	93.9	94.0	94.0	94.1	94.3	94.4	94.6
GE 900	44.3	60.3	70.3	80.2	88.1	90.1	92.8	93.3	93.6	94.1	94.2	94.2	94.3	94.6	94.7	94.8
GE 800	44.6	60.8	70.9	80.9	89.2	91.2	93.9	94.4	94.7	95.2	95.3	95.3	95.4	95.7	95.8	95.9
GE 700	45.2	61.4	71.6	81.9	90.2	92.3	95.0	95.6	95.8	96.3	96.4	96.4	96.6	96.8	96.9	97.0
GE 600	45.2	61.4	71.8	82.1	90.6	92.7	95.3	95.9	96.1	96.7	96.8	96.8	96.9	97.1	97.2	97.3
GE 500	45.4	61.7	72.0	82.4	91.0	93.3	96.0	96.6	96.9	97.6	97.7	97.7	97.8	98.0	98.1	98.2
GE 400	45.4	61.7	72.0	82.6	91.2	93.7	96.3	96.9	97.3	98.0	98.1	98.1	98.2	98.4	98.6	98.7
GE 300	45.4	61.7	72.0	82.6	91.3	93.8	96.4	97.0	97.4	98.1	98.2	98.2	98.3	98.6	98.7	98.8
GE 200	45.4	61.7	72.0	82.6	91.3	93.8	96.4	97.0	97.4	98.1	98.4	98.6	98.8	99.0	99.1	99.2
GE 100	45.4	61.7	72.0	82.6	91.3	93.8	96.4	97.0	97.4	98.1	98.4	98.6	99.0	99.3	99.8	100.0
GE 000	45.4	61.7	72.0	82.6	91.3	93.8	96.4	97.0	97.4	98.1	98.4	98.6	99.0	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	50.1	55.8	58.1	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.	59.3	59.3
GE 20000	48.7	55.7	61.8	64.3	65.2	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	49.0	56.0	62.1	64.7	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.	65.9	65.9	65.9	65.9
GE 16000	49.0	56.0	62.1	64.7	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	49.2	56.4	62.8	65.4	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	50.6	57.9	64.2	66.9	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	54.4	63.1	69.7	72.6	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000	55.1	63.8	70.3	73.2	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	57.7	66.8	73.3	76.6	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 7000	58.0	67.2	73.8	77.1	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	58.2	67.4	74.0	77.3	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	59.2	68.6	75.4	79.0	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	60.1	69.7	76.8	80.6	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	61.1	70.9	78.1	82.1	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	61.3	71.3	78.6	82.6	85.0	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	62.8	73.1	80.8	85.4	88.0	88.2	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	63.4	74.0	81.8	86.4	89.1	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	64.3	75.1	83.1	87.8	90.4	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	64.6	75.6	83.7	88.4	91.1	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1500	66.4	77.8	85.9	90.7	93.6	93.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	67.4	79.0	87.4	92.2	95.1	95.3	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	67.4	79.7	88.4	93.4	96.6	96.9	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	67.8	80.0	88.9	93.9	97.0	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	67.8	80.0	89.0	94.0	97.4	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	68.0	80.2	89.2	94.3	97.8	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	68.0	80.2	89.2	94.3	97.8	98.1	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	68.0	80.2	89.3	94.7	98.2	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	68.0	80.2	89.3	94.7	98.2	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	68.0	80.2	89.3	94.7	98.2	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	68.0	80.2	89.3	94.7	98.2	98.8	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.0	80.2	89.3	94.7	98.2	98.8	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.0	80.2	89.3	94.7	98.2	98.8	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	54.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	55.3	63.3	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 18000	55.6	63.6	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	55.7	63.7	67.0	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	56.1	64.1	67.6	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	57.8	65.8	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 10000	61.2	69.9	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	61.8	70.4	74.0	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 8000	63.9	73.1	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	64.0	73.4	77.0	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	64.4	73.9	77.4	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	65.6	75.2	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	66.4	76.2	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	68.9	78.7	82.3	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	70.0	80.0	83.9	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	72.9	83.6	87.9	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	75.0	86.0	90.7	91.3	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	76.3	87.8	92.4	93.1	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	76.7	88.1	92.8	93.4	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	77.8	89.8	94.4	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	78.3	90.3	95.3	96.0	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	78.9	90.9	95.9	96.6	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	79.0	91.2	96.2	96.9	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	79.1	91.4	96.4	97.1	98.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	79.2	91.6	96.6	97.2	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	79.2	91.6	96.6	97.2	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	79.6	91.9	96.9	97.7	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.6	91.9	96.9	97.7	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.6	91.9	96.9	97.7	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.6	91.9	96.9	97.7	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.6	91.9	96.9	97.7	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.6	91.9	96.9	97.7	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	58.0	59.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	62.0	69.0	70.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	62.4	69.6	70.7	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000	62.6	69.7	70.8	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	62.8	69.9	71.0	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 12000	64.9	72.2	73.7	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 10000	67.3	75.0	76.8	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 9000	67.8	75.4	77.2	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	70.2	78.2	80.2	81.2	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	70.8	78.9	80.9	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	71.7	80.0	82.0	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	74.0	82.8	84.8	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	74.6	83.6	85.8	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	76.2	85.6	87.9	88.9	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	77.2	87.0	89.3	90.4	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	78.8	88.7	91.0	92.3	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	80.7	90.9	93.2	94.6	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	80.8	91.0	93.3	94.8	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	80.8	91.0	93.6	95.0	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	81.6	92.1	94.8	96.4	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	82.1	92.9	95.6	97.3	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	82.7	93.4	96.1	98.0	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	82.7	93.6	96.2	98.1	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.8	93.7	96.4	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	60.9	62.1	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	62.3	68.2	69.8	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000	63.0	68.9	70.4	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 16000	63.0	68.9	70.4	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 14000	63.1	69.3	71.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	65.4	72.2	74.1	75.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 10000	69.0	76.3	78.8	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	69.1	76.6	79.2	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 8000	71.1	79.1	82.1	83.2	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	71.8	80.0	83.1	84.6	85.4	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	72.0	80.2	83.3	84.8	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 5000	73.2	82.2	85.4	87.1	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4500	74.1	83.4	86.8	88.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	75.9	85.4	89.3	91.1	92.1	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	76.9	86.4	90.3	92.1	93.1	93.1	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	78.1	87.7	91.7	93.7	94.7	94.7	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	79.1	88.8	92.9	94.9	95.9	95.9	95.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	79.6	89.3	93.4	95.6	96.7	96.7	96.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	79.7	89.4	93.6	95.8	96.9	96.9	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	80.4	90.2	94.6	96.8	98.0	98.0	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	80.6	90.4	94.9	97.2	98.4	98.4	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	80.6	90.4	94.9	97.2	98.4	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	80.6	90.4	94.9	97.2	98.4	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	80.6	90.4	95.1	97.4	98.7	98.7	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	80.6	90.4	95.2	97.6	98.8	98.8	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	80.6	90.4	95.2	97.6	98.8	98.8	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	80.6	90.4	95.2	97.6	98.9	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	80.6	90.4	95.2	97.6	98.9	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.6	90.4	95.2	97.6	98.9	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.6	90.4	95.2	97.6	98.9	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.6	90.4	95.2	97.6	98.9	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.6	90.4	95.2	97.6	98.9	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.6	62.4	65.9	67.4	68.6	68.6	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 20000	60.8	67.1	70.7	72.3	73.7	73.7	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	61.0	67.3	70.9	72.6	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	61.0	67.3	70.9	72.6	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	61.6	68.0	71.7	73.3	74.7	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 12000	63.6	70.6	74.7	76.3	77.7	77.7	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	67.4	75.3	79.9	81.6	82.9	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 9000	67.8	75.7	80.2	81.9	83.2	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	69.2	77.4	82.2	83.9	85.2	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	69.6	78.0	83.4	85.2	86.6	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	70.0	78.4	83.9	85.7	87.0	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	71.1	80.4	86.0	87.9	89.2	89.2	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	72.4	81.9	87.7	89.7	91.0	91.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	73.9	83.6	89.4	91.6	93.1	93.3	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	74.0	83.8	89.8	91.9	93.4	93.7	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	74.7	84.7	90.9	93.0	94.8	95.0	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	74.9	85.3	91.6	93.7	95.4	95.7	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	75.1	85.8	92.1	94.2	96.0	96.2	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	75.3	86.0	92.3	94.4	96.2	96.4	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 1500	76.2	87.0	93.6	95.7	97.4	97.7	98.1	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1200	76.2	87.1	93.7	95.8	97.6	97.8	98.2	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1000	76.3	87.2	93.8	95.9	97.8	98.0	98.4	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 900	76.3	87.2	93.8	95.9	97.8	98.0	98.4	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 800	76.3	87.3	94.0	96.2	98.2	98.4	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 700	76.3	87.3	94.0	96.2	98.2	98.4	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 600	76.3	87.3	94.0	96.2	98.2	98.4	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	76.4	87.4	94.1	96.3	98.3	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	76.4	87.4	94.1	96.4	98.4	98.7	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	76.4	87.4	94.1	96.4	98.4	98.7	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	76.4	87.4	94.1	96.4	98.4	98.7	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	76.4	87.4	94.1	96.4	98.4	98.7	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	76.4	87.4	94.1	96.4	98.4	98.7	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	55.5	59.1	61.2	62.6	62.8	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6
GE 20000	53.3	61.4	65.4	67.7	69.2	69.4	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.3	70.3
GE 18000	53.6	61.7	65.7	68.0	69.5	69.7	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.6	70.6
GE 16000	53.6	61.7	65.7	68.0	69.5	69.7	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.6	70.6
GE 14000	54.0	62.2	66.2	68.6	70.2	70.4	70.9	71.0	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3
GE 12000	55.3	63.8	68.1	70.5	72.1	72.3	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2
GE 10000	58.8	68.0	72.7	75.3	77.1	77.4	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.3	78.3
GE 9000	59.2	68.4	73.2	75.8	77.7	77.9	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8
GE 8000	61.0	70.7	75.6	78.4	80.3	80.5	81.0	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.5	81.5
GE 7000	61.4	71.2	76.3	79.2	81.2	81.4	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.4	82.4
GE 6000	61.7	71.6	76.6	79.6	81.5	81.8	82.3	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.8	82.8
GE 5000	62.8	73.1	78.3	81.5	83.5	83.8	84.3	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.8
GE 4500	63.8	74.3	79.8	83.2	85.3	85.6	86.0	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6
GE 4000	65.1	75.8	81.5	85.0	87.3	87.6	88.1	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.7	88.7
GE 3500	65.7	76.7	82.5	86.0	88.4	88.8	89.3	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.9	89.9
GE 3000	66.9	78.2	84.2	88.0	90.5	90.9	91.5	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.1	92.1
GE 2500	67.7	79.2	85.3	89.1	91.6	92.0	92.7	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.3
GE 2000	68.1	79.9	86.1	90.0	92.5	93.0	93.7	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.3	94.3
GE 1800	68.2	80.1	86.3	90.3	92.8	93.3	94.0	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.6	94.6
GE 1500	69.0	81.1	87.5	91.5	94.2	94.7	95.3	95.6	95.6	95.8	95.8	95.8	95.9	95.9	96.0	96.0
GE 1200	69.5	81.8	88.3	92.4	95.1	95.6	96.3	96.5	96.6	96.7	96.8	96.8	96.8	96.9	97.0	97.0
GE 1000	69.8	82.2	88.8	93.0	95.8	96.3	97.0	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.7
GE 900	69.9	82.3	88.9	93.2	96.0	96.4	97.2	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 800	70.0	82.5	89.2	93.5	96.5	97.0	97.8	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.5
GE 700	70.1	82.6	89.3	93.8	96.8	97.3	98.1	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
GE 600	70.1	82.6	89.4	93.9	96.9	97.4	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.9	98.9	98.9
GE 500	70.3	82.8	89.6	94.2	97.3	97.8	98.7	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.5	99.5
GE 400	70.3	82.8	89.7	94.3	97.4	98.0	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 300	70.3	82.8	89.7	94.3	97.4	98.1	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 200	70.3	82.8	89.7	94.3	97.4	98.1	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9
GE 100	70.3	82.8	89.7	94.3	97.4	98.1	98.9	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	70.3	82.8	89.7	94.3	97.4	98.1	98.9	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7247 8

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MCNTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.8	49.6	52.7	56.0	57.6	57.8	58.3	58.4	58.4	58.6	58.6	58.6	58.8	58.8	59.1	59.5
GE 20000	49.2	53.4	56.9	60.2	61.8	62.0	62.5	62.6	62.6	62.8	62.8	62.8	63.0	63.0	63.3	63.7
GE 18000	49.2	53.4	56.9	60.2	61.8	62.0	62.5	62.6	62.6	62.8	62.8	62.8	63.0	63.0	63.3	63.7
GE 16000	49.2	53.4	56.9	60.2	61.8	62.0	62.5	62.6	62.6	62.8	62.8	62.8	63.0	63.0	63.3	63.7
GE 14000	49.2	53.4	56.9	60.2	61.8	62.0	62.5	62.6	62.6	62.8	62.8	62.8	63.0	63.0	63.3	63.7
GE 12000	50.5	54.8	58.6	61.9	63.5	63.8	64.2	64.3	64.3	64.5	64.5	64.5	64.7	64.7	65.1	65.4
GE 10000	54.9	59.2	63.1	66.8	68.6	68.8	69.5	69.6	69.6	69.8	69.8	69.8	70.0	70.0	70.3	70.6
GE 9000	55.1	59.4	63.2	66.9	68.7	68.9	69.6	69.7	69.7	69.9	69.9	69.9	70.1	70.1	70.4	70.8
GE 8000	56.2	61.4	65.6	69.6	71.8	72.3	73.2	73.3	73.3	73.5	73.5	73.5	73.8	73.8	74.1	74.4
GE 7000	57.4	62.6	66.8	70.8	73.0	73.4	74.4	74.5	74.5	74.7	74.7	74.7	74.9	74.9	75.3	75.6
GE 6000	57.6	62.8	67.0	71.0	73.2	73.7	74.6	74.7	74.7	74.9	74.9	74.9	75.2	75.2	75.5	75.8
GE 5000	58.3	63.5	68.2	72.2	74.4	74.8	75.8	75.9	75.9	76.1	76.1	76.1	76.3	76.3	76.7	77.0
GE 4500	58.9	65.2	70.3	74.4	76.9	77.3	78.3	78.4	78.4	78.6	78.6	78.6	78.8	78.8	79.1	79.5
GE 4000	60.3	66.7	71.8	76.1	78.8	79.2	80.2	80.3	80.3	80.5	80.5	80.5	80.8	80.8	81.1	81.4
GE 3500	61.9	68.7	74.0	78.5	81.2	81.7	82.7	82.8	82.8	83.0	83.0	83.0	83.2	83.2	83.5	83.9
GE 3000	62.4	69.2	74.7	79.9	82.7	83.2	84.2	84.3	84.3	84.5	84.5	84.5	84.7	84.7	85.1	85.4
GE 2500	63.0	70.1	75.8	81.6	84.7	85.3	86.2	86.3	86.3	86.6	86.6	86.6	86.8	86.8	87.1	87.4
GE 2000	64.4	71.9	77.7	83.8	87.2	88.0	88.9	89.0	89.0	89.2	89.2	89.2	89.5	89.5	89.8	90.1
GE 1800	64.6	72.2	78.0	84.0	87.5	88.3	89.2	89.4	89.4	89.6	89.6	89.6	89.8	89.8	90.1	90.4
GE 1500	64.9	72.6	78.5	84.5	88.2	89.1	90.1	90.2	90.2	90.4	90.4	90.4	90.6	90.6	91.0	91.3
GE 1200	65.2	73.2	79.2	85.3	89.0	90.0	91.0	91.1	91.1	91.3	91.3	91.3	91.5	91.5	91.8	92.2
GE 1000	65.5	73.9	80.0	86.6	90.8	91.7	92.8	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.7	94.0
GE 900	65.6	74.1	80.2	87.0	91.2	92.2	93.2	93.3	93.4	93.7	93.7	93.7	93.9	93.9	94.2	94.5
GE 800	65.7	74.5	81.2	88.4	92.6	93.5	94.6	94.7	94.8	95.1	95.1	95.1	95.3	95.3	95.6	95.9
GE 700	65.7	74.5	81.2	88.6	92.8	93.8	95.2	95.3	95.4	95.6	95.6	95.6	95.8	95.8	96.1	96.5
GE 600	65.7	74.8	81.5	88.9	93.1	94.2	95.9	96.0	96.1	96.3	96.3	96.3	96.6	96.6	96.9	97.2
GE 500	65.7	74.9	81.6	89.1	93.3	94.4	96.1	96.3	96.5	96.7	96.7	96.7	96.9	96.9	97.2	97.5
GE 400	65.7	75.1	81.7	89.2	93.5	94.6	96.3	97.0	97.4	97.6	97.6	97.6	97.8	97.8	98.2	98.5
GE 300	65.7	75.1	81.7	89.2	93.8	95.2	96.9	97.5	98.0	98.2	98.2	98.2	98.4	98.4	98.7	99.0
GE 200	65.7	75.1	81.7	89.2	93.8	95.2	96.9	97.6	98.1	98.3	98.5	98.5	98.7	98.7	99.0	99.7
GE 100	65.7	75.1	81.7	89.2	93.8	95.2	96.9	97.6	98.1	98.5	98.7	98.7	99.0	99.0	99.4	100.0
GE 000	65.7	75.1	81.7	89.2	93.8	95.2	96.9	97.6	98.1	98.5	98.7	98.7	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	48.9	53.7	56.6	58.5	59.9	60.2	60.4	60.5	60.6	60.8	60.9	61.2	61.2	61.4	61.8
GE 20000	45.7	51.5	56.3	59.2	61.2	62.6	62.9	63.1	63.2	63.3	63.4	63.5	63.9	63.9	64.1	64.5
GE 18000	45.7	51.5	56.3	59.2	61.2	62.6	62.9	63.1	63.2	63.3	63.4	63.5	63.9	63.9	64.1	64.5
GE 16000	45.7	51.5	56.3	59.2	61.2	62.6	62.9	63.2	63.3	63.4	63.5	63.7	64.0	64.0	64.2	64.6
GE 14000	45.7	51.5	56.3	59.2	61.2	62.6	62.9	63.2	63.3	63.4	63.5	63.7	64.0	64.0	64.2	64.6
GE 12000	46.5	52.3	57.1	60.0	62.0	63.4	63.9	64.2	64.3	64.4	64.5	64.6	64.9	64.9	65.2	65.6
GE 10000	48.8	54.8	60.0	63.0	65.4	66.8	67.2	67.5	67.6	67.7	67.8	68.0	68.3	68.3	68.5	68.9
GE 9000	48.8	54.8	60.0	63.0	65.4	66.8	67.2	67.5	67.6	67.7	67.8	68.0	68.3	68.3	68.5	68.9
GE 8000	50.8	57.5	62.7	66.1	68.5	69.9	70.5	70.9	71.0	71.1	71.2	71.3	71.6	71.6	71.8	72.3
GE 7000	51.4	58.3	63.4	66.9	69.2	70.6	71.3	71.6	71.7	71.8	71.9	72.0	72.4	72.4	72.6	73.0
GE 6000	52.0	58.9	64.1	67.5	70.0	71.4	72.0	72.4	72.5	72.6	72.7	72.8	73.1	73.1	73.3	73.8
GE 5000	53.0	60.3	65.6	69.2	71.7	73.2	74.0	74.3	74.4	74.5	74.6	74.7	75.1	75.1	75.3	75.7
GE 4500	54.1	61.9	67.8	71.8	74.3	75.8	76.6	76.9	77.0	77.1	77.2	77.3	77.6	77.6	77.8	78.3
GE 4000	54.6	62.5	68.9	73.0	75.5	77.0	77.7	78.1	78.2	78.3	78.4	78.5	78.8	78.8	79.0	79.5
GE 3500	55.4	63.5	70.1	74.2	76.7	78.2	78.9	79.2	79.4	79.5	79.6	79.7	80.0	80.0	80.2	80.6
GE 3000	56.2	65.2	72.3	76.7	79.1	80.6	81.4	81.7	81.8	81.9	82.0	82.2	82.5	82.5	82.7	83.1
GE 2500	57.0	66.2	73.9	78.4	81.6	83.2	84.0	84.3	84.4	84.5	84.6	84.7	85.1	85.1	85.3	85.7
GE 2000	58.2	67.6	75.3	79.8	83.3	84.9	86.0	86.3	86.5	86.6	86.7	86.8	87.1	87.1	87.3	87.7
GE 1800	58.4	68.0	75.7	80.2	83.8	85.4	86.5	86.8	86.9	87.0	87.1	87.2	87.5	87.5	87.7	88.2
GE 1500	58.8	68.6	76.3	81.0	85.2	86.8	88.0	88.4	88.5	88.6	88.7	88.8	89.1	89.1	89.4	89.8
GE 1200	59.2	69.0	76.9	81.6	85.8	87.4	88.9	89.4	89.5	89.7	89.8	89.9	90.2	90.2	90.4	90.9
GE 1000	59.6	69.5	77.4	82.4	86.7	88.3	89.9	90.3	90.4	90.6	90.8	90.9	91.2	91.2	91.4	91.8
GE 900	59.7	69.9	78.8	84.1	88.4	90.0	91.6	92.0	92.2	92.4	92.5	92.6	92.9	92.9	93.1	93.5
GE 800	59.7	70.0	79.1	84.6	89.0	90.6	92.4	92.8	92.9	93.1	93.2	93.3	93.7	93.7	93.9	94.3
GE 700	59.7	70.2	79.4	84.8	89.4	91.0	93.0	93.4	93.5	93.8	93.9	94.0	94.3	94.3	94.5	94.9
GE 600	59.8	70.5	79.8	85.3	89.8	91.4	93.7	94.1	94.2	94.4	94.5	94.6	94.9	94.9	95.2	95.6
GE 500	59.8	70.5	79.8	85.4	89.9	91.5	93.8	94.3	94.4	94.6	94.7	94.8	95.2	95.2	95.5	95.9
GE 400	59.8	70.5	79.9	85.5	90.1	92.0	94.7	95.5	95.7	95.9	96.0	96.1	96.5	96.5	96.8	97.2
GE 300	59.9	70.8	80.1	85.7	90.8	92.9	95.6	96.6	96.8	97.1	97.3	97.4	97.7	97.7	98.1	98.5
GE 200	59.9	70.8	80.1	85.7	90.8	92.9	95.6	96.6	96.8	97.3	97.6	97.7	98.1	98.1	98.4	98.9
GE 100	59.9	70.8	80.1	85.7	90.8	92.9	95.6	96.6	96.8	97.6	98.0	98.1	98.6	98.7	99.1	99.9
GE 000	59.9	70.8	80.1	85.7	90.8	92.9	95.6	96.6	96.8	97.6	98.0	98.1	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.4	40.3	45.8	48.7	52.0	52.4	53.0	54.0	54.2	54.3	54.3	54.4	54.5	54.5	54.5	54.7
GE 20000	36.3	43.7	49.6	52.7	56.1	56.5	57.2	58.2	58.5	58.6	58.6	58.7	58.8	58.8	58.8	59.1
GE 18000	36.3	43.7	49.6	52.7	56.1	56.5	57.2	58.2	58.5	58.6	58.6	58.7	58.8	58.8	58.8	59.1
GE 16000	36.3	43.7	49.6	52.7	56.1	56.5	57.2	58.2	58.5	58.6	58.6	58.7	58.8	58.8	58.8	59.1
GE 14000	36.7	44.0	49.9	53.0	56.5	56.9	57.7	58.7	59.0	59.1	59.1	59.2	59.4	59.4	59.4	59.7
GE 12000	37.0	44.3	50.3	53.7	57.1	57.5	58.5	59.5	59.8	59.9	59.9	60.0	60.1	60.1	60.1	60.4
GE 10000	38.6	46.3	52.8	56.3	60.1	60.6	61.6	62.6	62.9	63.0	63.0	63.1	63.2	63.2	63.2	63.5
GE 9000	38.6	46.3	52.8	56.3	60.2	60.8	61.7	62.7	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.7
GE 8000	42.0	50.2	56.9	60.9	64.9	65.5	66.5	67.5	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.5
GE 7000	42.9	51.3	58.1	62.2	66.3	66.9	67.8	68.9	69.2	69.4	69.4	69.5	69.6	69.6	69.6	69.9
GE 6000	43.5	52.0	58.8	62.9	67.1	67.6	68.6	69.7	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.6
GE 5000	44.4	53.0	60.0	64.1	68.7	69.2	70.3	71.4	71.8	72.2	72.2	72.3	72.4	72.5	72.6	72.9
GE 4500	45.8	54.6	61.7	66.1	70.8	71.3	72.4	73.4	73.9	74.2	74.2	74.3	74.4	74.5	74.6	74.9
GE 4000	46.3	55.9	63.3	68.0	72.9	73.4	74.5	75.6	76.0	76.3	76.3	76.5	76.6	76.7	76.8	77.1
GE 3500	47.1	56.5	63.9	68.5	73.4	74.0	75.1	76.1	76.6	76.9	76.9	77.0	77.1	77.2	77.3	77.6
GE 3000	47.7	57.5	65.1	70.0	75.4	76.1	77.2	78.3	78.7	79.1	79.1	79.2	79.4	79.5	79.6	79.9
GE 2500	48.5	58.6	66.2	71.2	77.0	78.0	79.1	80.2	80.6	81.1	81.1	81.2	81.3	81.4	81.5	81.8
GE 2000	49.0	59.5	67.1	72.2	78.2	79.2	80.6	81.8	82.3	82.7	82.7	82.8	82.9	83.0	83.1	83.4
GE 1800	49.4	59.9	67.5	72.6	78.6	79.7	81.1	82.3	82.7	83.1	83.1	83.2	83.3	83.4	83.5	83.9
GE 1500	49.8	60.6	68.7	73.9	80.0	81.1	82.5	83.8	84.2	84.6	84.6	84.7	84.8	84.9	85.1	85.4
GE 1200	50.4	61.4	69.6	74.8	81.3	82.5	84.2	85.6	86.0	86.5	86.5	86.6	86.7	86.8	86.9	87.2
GE 1000	51.0	62.4	70.9	76.3	83.0	84.3	86.3	87.7	88.3	88.8	88.8	88.9	89.0	89.1	89.2	89.7
GE 900	51.0	62.5	71.3	77.2	84.0	85.3	87.3	88.7	89.2	89.8	89.9	90.0	90.1	90.2	90.3	90.8
GE 800	51.0	62.5	71.3	77.3	84.2	85.7	87.7	89.2	89.8	90.3	90.4	90.5	90.6	90.8	90.9	91.4
GE 700	51.0	62.5	71.4	77.5	84.7	86.2	88.5	90.1	90.6	91.2	91.3	91.4	91.5	91.6	91.7	92.3
GE 600	51.0	62.5	71.5	77.6	85.2	86.7	89.0	90.6	91.2	91.7	91.8	91.9	92.3	92.4	92.5	93.0
GE 500	51.0	62.8	71.8	78.1	85.8	87.3	90.0	91.6	92.4	93.0	93.1	93.3	93.8	93.9	94.0	94.6
GE 400	51.0	62.8	71.9	78.2	86.5	88.1	91.0	93.5	94.3	95.1	95.3	95.5	95.9	96.0	96.1	96.9
GE 300	51.0	62.8	71.9	78.2	86.8	88.4	91.3	93.9	94.7	95.6	95.9	96.1	96.6	96.8	96.9	97.7
GE 200	51.0	62.8	71.9	78.2	86.8	88.4	91.4	94.0	94.9	95.9	96.6	96.8	97.4	97.7	98.3	99.2
GE 100	51.0	62.8	71.9	78.2	86.8	88.4	91.4	94.0	94.9	95.9	96.6	96.8	97.4	97.7	98.5	100.0
GE 000	51.0	62.8	71.9	78.2	86.8	88.4	91.4	94.0	94.9	95.9	96.6	96.8	97.4	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	49.7	52.5	53.5	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	48.0	55.4	58.4	59.8	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	48.0	55.4	58.4	59.8	60.6	60.8	60.8	60.8	61.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	48.0	55.4	58.4	59.8	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	48.5	55.9	58.9	60.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	50.2	58.0	61.3	63.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	52.3	60.3	64.2	66.2	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	52.3	60.3	64.2	66.3	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	54.1	62.7	66.7	68.8	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	54.7	63.3	67.3	69.5	70.6	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	54.9	63.5	67.5	69.7	70.9	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	55.6	64.4	68.4	70.5	72.0	72.3	72.4	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	56.3	65.2	69.5	71.7	73.3	73.5	73.7	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	56.8	66.0	70.5	72.8	74.5	74.8	74.9	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	57.2	66.5	71.2	73.5	75.3	75.6	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	58.5	67.8	72.9	75.4	77.3	77.7	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	59.8	69.2	74.3	77.2	79.1	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	59.9	69.7	74.9	78.1	80.4	80.9	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	60.1	70.0	75.3	78.4	81.0	81.5	81.7	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	60.4	70.5	76.0	79.7	82.4	83.0	83.2	83.4	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200	60.9	71.6	77.3	81.1	84.2	84.9	85.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	61.6	72.9	78.8	83.3	87.0	87.8	88.3	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	61.6	72.9	79.0	83.5	87.5	88.4	88.9	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	61.6	73.1	79.7	84.6	89.1	90.2	90.8	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	61.7	73.4	80.3	85.7	90.2	91.3	91.8	92.9	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	61.8	73.7	80.6	86.1	91.2	92.7	93.3	94.5	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	61.8	73.7	80.8	86.2	91.	93.0	94.5	95.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 400	61.8	73.7	80.9	86.3	91.8	94.0	95.5	97.3	97.7	98.4	98.4	98.4	98.5	98.5	98.5	98.7
GE 300	61.8	73.7	80.9	86.5	92.3	94.4	95.9	98.2	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.9
GE 200	61.8	73.7	80.9	86.5	92.3	94.4	95.9	98.2	98.7	99.5	99.6	99.6	99.8	99.8	99.8	100.0
GE 100	61.8	73.7	80.9	86.5	92.3	94.4	95.9	98.2	98.7	99.5	99.6	99.6	99.8	99.8	99.8	100.0
GE 000	61.8	73.7	80.9	86.5	92.3	94.4	95.9	98.2	98.7	99.5	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	53.0	53.8	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	54.9	58.8	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	55.2	59.1	59.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	55.2	59.1	59.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	55.5	59.8	60.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	56.8	61.5	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	60.1	65.7	66.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000	60.3	65.9	67.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	62.3	68.0	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	63.3	69.2	70.6	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	63.4	69.4	70.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	64.0	70.0	71.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	64.5	70.5	71.9	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	66.6	72.6	74.1	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	67.7	73.8	75.3	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	69.9	76.6	78.4	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	70.9	78.0	80.1	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	71.3	79.1	81.5	84.0	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	71.6	79.6	81.9	84.4	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	72.7	81.1	84.1	87.4	88.3	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	73.5	81.9	85.3	89.2	90.4	90.6	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	74.0	82.6	86.2	90.4	92.0	92.4	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	74.3	83.2	87.0	91.3	93.5	94.1	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	74.6	83.5	87.3	91.7	94.3	94.8	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	74.8	83.8	87.6	92.0	94.7	95.4	96.2	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	74.8	83.9	88.0	92.5	95.4	96.3	97.2	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	74.8	83.9	88.0	92.5	95.6	96.7	98.2	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	74.8	83.9	88.0	92.5	95.9	97.1	98.7	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	74.8	83.9	88.0	92.5	95.9	97.1	98.7	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.8	83.9	88.0	92.5	95.9	97.1	98.7	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.8	83.9	88.0	92.5	95.9	97.1	98.7	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.8	83.9	88.0	92.5	95.9	97.1	98.7	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	51.5	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	56.6	59.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	57.0	60.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	57.2	60.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	58.5	61.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000	59.6	63.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	62.4	66.3	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	62.4	66.3	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	65.4	69.9	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	66.2	71.3	72.7	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 6000	66.7	71.7	73.2	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	67.5	73.0	74.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	68.6	74.3	76.2	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	70.4	76.1	78.1	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	71.2	76.9	79.1	80.1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	72.8	78.7	81.5	82.6	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	75.2	81.4	84.3	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	75.9	82.8	85.8	87.5	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	76.7	83.7	86.8	88.5	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	78.3	85.6	89.1	91.0	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	79.0	86.5	90.4	92.4	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	79.0	86.7	90.9	93.1	95.6	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	79.0	86.7	91.0	93.3	96.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	79.0	86.7	91.1	93.4	96.1	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	79.0	86.7	91.1	93.7	96.6	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	79.0	86.7	91.1	93.8	96.9	97.3	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	79.0	86.7	91.3	94.0	97.1	97.6	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	79.0	86.7	91.3	94.0	97.3	98.1	98.7	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	79.0	86.7	91.3	94.0	97.3	98.1	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.0	86.7	91.3	94.0	97.3	98.1	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.0	86.7	91.3	94.0	97.3	98.1	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.0	86.7	91.3	94.0	97.3	98.1	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	52.4	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	53.9	57.7	59.2	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	54.2	58.1	59.6	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	54.2	58.1	59.6	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	54.6	58.7	60.3	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	55.9	60.3	61.9	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	59.8	64.6	66.6	67.6	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	60.1	64.9	66.9	68.0	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	62.6	68.4	70.5	72.4	73.2	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	63.0	69.1	71.6	73.4	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 6000	63.3	69.5	71.9	73.9	74.8	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	64.6	70.9	73.9	75.8	76.8	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4500	65.9	72.8	75.9	77.8	78.8	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	67.0	74.0	77.2	79.8	80.8	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	68.2	75.2	78.8	81.4	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	69.0	76.3	80.0	83.0	84.3	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	71.1	78.5	82.2	85.4	87.4	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	73.0	80.6	84.3	88.1	90.9	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	73.1	80.8	84.5	88.4	91.3	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	73.3	81.5	85.6	89.7	92.8	93.5	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	73.7	81.9	86.5	90.5	94.0	94.7	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	73.7	82.2	86.7	90.8	94.3	95.1	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	73.7	82.3	86.8	91.0	94.5	95.3	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	73.7	82.3	86.8	91.2	94.7	95.6	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	73.7	82.3	86.8	91.2	94.7	95.6	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	73.7	82.4	87.2	91.7	96.2	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	73.7	82.4	87.2	91.7	96.2	97.2	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	73.7	82.4	87.2	91.7	96.2	97.2	98.5	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	73.7	82.4	87.2	91.7	96.2	97.4	99.0	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.7	82.4	87.2	91.7	96.2	97.4	99.0	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.7	82.4	87.2	91.7	96.2	97.4	99.0	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	73.7	82.4	87.2	91.7	96.2	97.4	99.0	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	51.2	55.2	56.3	57.4	57.5	57.6	57.6	57.6	57.8	57.8	57.8	58.0	58.1	58.1	58.2
GE 20000	50.5	55.1	59.0	60.2	61.5	61.6	61.7	61.7	61.7	61.9	61.9	61.9	62.0	62.2	62.2	62.3
GE 18000	50.9	55.4	59.4	60.5	61.8	61.9	62.0	62.0	62.0	62.3	62.3	62.3	62.4	62.5	62.5	62.6
GE 16000	50.9	55.4	59.4	60.5	61.8	61.9	62.0	62.0	62.0	62.3	62.3	62.3	62.4	62.5	62.5	62.6
GE 14000	51.0	55.6	59.6	60.8	62.0	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.6	62.7	62.7	62.8
GE 12000	52.5	57.1	61.5	62.7	64.0	64.1	64.2	64.2	64.2	64.4	64.4	64.4	64.5	64.6	64.6	64.7
GE 10000	55.7	61.3	66.0	67.5	68.9	69.0	69.1	69.1	69.1	69.4	69.4	69.4	69.5	69.6	69.6	69.7
GE 9000	55.7	61.3	66.1	67.6	69.0	69.1	69.2	69.2	69.2	69.5	69.5	69.5	69.6	69.7	69.7	69.8
GE 8000	58.3	64.5	69.6	71.4	73.2	73.3	73.4	73.4	73.4	73.7	73.7	73.7	73.8	73.9	73.9	74.0
GE 7000	59.0	65.4	70.5	72.6	74.4	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.9	75.1	75.1	75.2
GE 6000	59.5	65.8	71.0	73.0	74.9	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.6	75.6	75.7
GE 5000	60.5	67.2	72.6	74.7	76.7	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.2	77.3	77.3	77.4
GE 4500	62.2	69.4	75.1	77.3	79.4	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.9	80.0	80.0	80.1
GE 4000	62.8	70.0	75.8	78.5	80.5	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.4	81.5	81.5	81.6
GE 3500	63.4	70.8	76.7	79.6	81.8	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.8	82.8	82.9
GE 3000	64.7	72.6	78.9	81.9	84.6	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.5	85.6	85.6	85.7
GE 2500	65.6	73.9	80.3	83.5	86.7	87.1	87.5	87.5	87.5	87.7	87.7	87.7	87.8	88.0	88.0	88.1
GE 2000	66.9	75.6	82.4	85.9	89.4	89.9	90.3	90.3	90.3	90.5	90.5	90.5	90.6	90.8	90.8	90.9
GE 1800	67.0	75.7	82.5	86.0	89.5	90.0	90.4	90.4	90.4	90.6	90.6	90.6	90.8	90.9	90.9	91.0
GE 1500	67.0	75.9	82.8	86.6	90.2	90.9	91.3	91.3	91.3	91.5	91.5	91.5	91.6	91.7	91.7	91.8
GE 1200	67.8	77.0	84.1	88.2	91.8	92.5	92.9	92.9	92.9	93.1	93.1	93.1	93.2	93.3	93.3	93.4
GE 1000	68.0	77.3	84.7	89.0	93.0	93.7	94.2	94.2	94.2	94.4	94.4	94.4	94.5	94.6	94.6	94.7
GE 900	68.0	77.3	84.7	89.4	93.4	94.1	94.6	94.6	94.6	94.8	94.8	94.8	94.9	95.1	95.1	95.2
GE 800	68.1	77.5	85.1	89.7	93.8	94.4	94.9	94.9	94.9	95.2	95.2	95.2	95.3	95.4	95.4	95.5
GE 700	68.1	77.5	85.1	89.9	94.0	94.6	95.5	95.5	95.5	95.7	95.7	95.7	95.8	95.9	95.9	96.0
GE 600	68.3	77.8	85.6	90.6	95.2	96.0	97.0	97.0	97.0	97.3	97.3	97.3	97.4	97.5	97.5	97.6
GE 500	68.3	77.8	85.8	91.0	95.6	96.5	97.4	97.4	97.4	97.7	97.7	97.7	97.8	98.0	98.0	98.1
GE 400	68.4	78.0	86.0	91.2	95.8	96.8	97.8	97.8	98.1	98.4	98.4	98.4	98.5	98.6	98.6	98.7
GE 300	68.4	78.0	86.0	91.2	95.8	96.8	97.8	98.0	98.3	98.6	98.6	98.6	98.7	98.8	98.8	98.9
GE 200	68.4	78.0	86.0	91.2	95.8	96.8	97.8	98.2	98.5	99.0	99.2	99.2	99.4	99.5	99.5	99.7
GE 100	68.4	78.0	86.0	91.2	95.8	96.8	97.8	98.2	98.5	99.1	99.5	99.5	99.7	99.8	99.8	100.0
GE 000	68.4	78.0	86.0	91.2	95.8	96.8	97.8	98.2	98.5	99.1	99.5	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	49.6	52.4	54.1	55.2	55.4	55.6	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.1	56.3
GE 20000	49.4	54.4	57.5	59.2	60.5	60.7	60.9	61.1	61.2	61.2	61.3	61.3	61.4	61.4	61.5	61.6
GE 18000	49.6	54.6	57.6	59.4	60.6	60.9	61.1	61.3	61.3	61.4	61.4	61.5	61.5	61.6	61.6	61.8
GE 16000	49.6	54.6	57.7	59.4	60.7	60.9	61.1	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.8
GE 14000	50.0	55.1	58.2	60.0	61.2	61.5	61.7	61.9	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.4
GE 12000	51.1	56.4	59.7	61.5	62.8	63.0	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.8	64.0
GE 10000	54.1	59.8	63.4	65.4	66.8	67.1	67.4	67.6	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.1
GE 9000	54.2	59.9	63.5	65.6	67.0	67.3	67.5	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.1	68.2
GE 8000	56.5	62.8	66.6	69.0	70.5	70.9	71.2	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.8	72.0
GE 7000	57.3	63.8	67.6	70.1	71.7	72.1	72.5	72.7	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.2
GE 6000	57.6	64.2	68.0	70.5	72.2	72.6	72.9	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.6
GE 5000	58.5	65.3	69.3	71.9	73.7	74.0	74.4	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.1	75.3
GE 4500	59.5	66.7	71.1	73.7	75.6	76.1	76.5	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.3
GE 4000	60.7	68.0	72.5	75.3	77.4	77.8	78.2	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.9	79.0
GE 3500	61.5	69.0	73.6	76.6	78.6	79.1	79.5	79.7	79.8	79.9	80.0	80.0	80.1	80.1	80.2	80.3
GE 3000	62.7	70.5	75.5	78.7	81.0	81.5	81.9	82.1	82.2	82.4	82.4	82.4	82.5	82.5	82.6	82.7
GE 2500	63.9	72.0	77.1	80.7	83.3	83.9	84.4	84.6	84.7	84.8	84.8	84.9	84.9	85.0	85.1	85.2
GE 2000	64.8	73.4	78.6	82.4	85.4	86.1	86.6	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.5
GE 1800	65.1	73.7	79.0	82.8	85.9	86.5	87.1	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.8	88.0
GE 1500	65.7	74.6	80.1	84.2	87.5	88.2	88.9	89.2	89.2	89.4	89.4	89.4	89.5	89.6	89.6	89.8
GE 1200	66.2	75.3	81.2	85.4	88.9	89.7	90.4	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.4
GE 1000	66.5	75.9	81.9	86.5	90.3	91.1	92.1	92.4	92.5	92.7	92.7	92.8	92.9	92.9	93.0	93.1
GE 900	66.6	76.1	82.4	87.1	91.1	91.9	92.9	93.3	93.4	93.6	93.6	93.6	93.7	93.8	93.8	94.0
GE 800	66.7	76.3	82.7	87.6	91.7	92.7	93.7	94.0	94.2	94.4	94.4	94.4	94.5	94.5	94.6	94.8
GE 700	66.7	76.4	82.8	87.9	92.1	93.1	94.2	94.7	94.8	95.1	95.1	95.1	95.2	95.2	95.3	95.5
GE 600	66.8	76.5	83.2	88.3	92.9	94.0	95.2	95.7	95.8	96.1	96.1	96.2	96.3	96.3	96.4	96.6
GE 500	66.8	76.6	83.3	88.5	93.1	94.3	95.8	96.4	96.5	96.9	96.9	96.9	97.1	97.1	97.2	97.4
GE 400	66.8	76.6	83.4	88.6	93.4	94.7	96.4	97.2	97.6	98.0	98.0	98.1	98.2	98.2	98.3	98.6
GE 300	66.8	76.6	83.4	88.6	93.6	95.0	96.8	97.7	98.1	98.6	98.7	98.7	98.9	98.9	99.0	99.3
GE 200	66.8	76.6	83.4	88.6	93.6	95.0	96.8	97.8	98.2	98.7	98.9	99.0	99.2	99.2	99.4	99.7
GE 100	66.8	76.6	83.4	88.6	93.6	95.0	96.8	97.8	98.2	98.8	99.0	99.1	99.3	99.4	99.6	100.0
GE 000	66.8	76.6	83.4	88.6	93.6	95.0	96.8	97.8	98.2	98.8	99.0	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	45.2	47.3	48.1	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9
GE 20000	45.8	47.8	49.9	50.9	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	51.9
GE 18000	45.8	47.8	49.9	50.9	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	51.9
GE 16000	45.8	47.8	49.9	50.9	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	51.9
GE 14000	46.1	48.1	50.2	51.2	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.1	52.2
GE 12000	46.8	48.8	50.9	51.9	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.8	52.9
GE 10000	49.6	51.8	54.1	55.1	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.1
GE 9000	49.6	51.8	54.1	55.1	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.1
GE 8000	52.2	55.0	57.7	58.7	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.7	59.8
GE 7000	53.1	56.0	58.7	59.7	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.7	60.8
GE 6000	53.4	56.9	59.6	60.7	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.7	61.8
GE 5000	55.1	58.9	62.0	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.3
GE 4500	56.4	60.2	63.9	65.0	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.2
GE 4000	57.6	61.4	65.6	66.9	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.0	68.1
GE 3500	59.2	63.1	67.3	68.9	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.1	70.2
GE 3000	60.7	64.9	69.3	70.9	71.6	71.9	71.9	71.9	1.9	71.9	71.9	71.9	72.0	72.0	72.1	72.2
GE 2500	63.7	68.3	73.3	75.2	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4	76.6
GE 2000	66.2	71.2	76.9	78.9	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.1	80.2
GE 1800	67.2	72.3	78.1	80.1	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3	81.4
GE 1500	68.8	74.2	80.1	82.4	83.3	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.0	84.1
GE 1200	69.4	75.3	81.6	84.2	85.1	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	86.0	86.1
GE 1000	70.0	76.1	82.9	85.6	86.9	87.3	87.6	87.6	87.7	87.9	87.9	87.9	88.0	88.0	88.1	88.2
GE 900	70.6	76.9	83.8	86.9	88.7	89.1	89.4	89.4	89.6	89.8	89.8	89.8	89.9	89.9	90.0	90.2
GE 800	70.8	77.3	84.2	87.7	89.4	89.9	90.2	90.2	90.3	90.6	90.6	90.6	90.7	90.7	90.8	91.2
GE 700	71.0	77.9	84.9	88.7	90.4	91.2	91.8	91.8	91.9	92.2	92.2	92.2	92.3	92.3	92.4	92.9
GE 600	71.2	78.2	85.3	89.2	91.3	92.1	92.7	92.8	92.9	93.4	93.4	93.4	93.6	93.6	93.7	94.1
GE 500	71.2	78.3	85.6	89.6	92.0	93.1	94.3	94.4	94.6	95.2	95.2	95.2	95.3	95.3	95.4	95.9
GE 400	71.2	78.3	85.6	89.9	92.7	93.8	95.2	95.4	95.6	96.2	96.2	96.2	96.3	96.3	96.4	96.9
GE 300	71.2	78.4	85.7	90.9	93.8	94.9	96.3	96.6	96.7	97.4	97.4	97.4	97.6	97.6	98.0	98.4
GE 200	71.2	78.4	85.7	90.9	93.8	94.9	96.4	96.7	97.0	98.0	98.1	98.1	98.2	98.2	98.8	99.3
GE 100	71.2	78.4	85.7	90.9	93.8	94.9	96.4	96.7	97.0	98.1	98.2	98.2	98.7	98.7	99.2	99.9
GE 000	71.2	78.4	85.7	90.9	93.8	94.9	96.4	96.7	97.0	98.1	98.2	98.2	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	45.8	47.0	48.6	49.2	49.3	49.6	49.7	49.7	49.8	49.8	49.8	49.9	49.9	50.0	50.2
GE 20000	44.0	47.7	49.0	50.7	51.3	51.4	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.3
GE 18000	44.0	47.7	49.0	50.7	51.3	51.4	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.3
GE 16000	44.0	47.7	49.0	50.7	51.3	51.4	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.3
GE 14000	44.2	47.9	49.2	50.9	51.6	51.7	51.9	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.3	52.6
GE 12000	44.9	48.6	49.9	51.6	52.2	52.3	52.6	52.7	52.7	52.8	52.8	52.8	52.9	52.9	53.0	53.2
GE 10000	47.6	51.3	52.9	54.6	55.2	55.3	55.6	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.2
GE 9000	48.0	51.8	53.3	55.0	55.7	55.8	56.0	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.4	56.7
GE 8000	50.1	54.4	56.3	58.0	58.7	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.4	59.7
GE 7000	50.6	54.9	56.9	58.6	59.2	59.3	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.2
GE 6000	50.8	55.2	57.2	58.9	59.6	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.3	60.6
GE 5000	52.4	57.2	59.7	61.4	62.1	62.2	62.4	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.9	63.1
GE 4500	53.1	58.1	60.7	63.0	63.8	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.6	64.8
GE 4000	53.9	59.2	61.9	64.3	65.1	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.9	66.1
GE 3500	55.1	60.6	63.2	65.9	66.8	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.6	67.8
GE 3000	57.1	62.9	65.8	68.8	69.8	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.6	70.8
GE 2500	59.7	65.9	69.7	73.0	74.0	74.1	74.3	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.8	75.0
GE 2000	62.7	69.4	73.6	77.2	78.4	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.4
GE 1800	63.4	70.4	74.7	78.3	79.6	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.6
GE 1500	64.7	72.0	76.9	80.9	82.1	82.2	82.4	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.9	83.1
GE 1200	65.4	73.2	78.7	82.8	84.1	84.2	84.4	84.6	84.7	84.8	84.8	84.8	84.9	84.9	85.0	85.2
GE 1000	66.0	74.0	80.0	84.9	86.2	86.3	86.6	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.3
GE 900	66.4	74.8	81.1	86.7	88.1	88.4	88.7	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.2	89.4
GE 800	66.4	74.8	81.1	86.7	88.3	88.8	89.0	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.6	90.1
GE 700	66.6	75.7	82.1	87.8	89.6	90.1	90.7	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.3	91.9
GE 600	66.9	76.0	82.6	88.6	90.6	91.1	91.8	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.4	93.0
GE 500	66.9	76.0	82.7	88.9	91.1	92.2	93.1	93.4	93.7	94.0	94.1	94.1	94.2	94.2	94.3	94.9
GE 400	66.9	76.0	82.8	89.2	92.2	93.3	94.2	94.6	94.8	95.3	95.4	95.4	95.6	95.6	95.7	96.2
GE 300	66.9	76.0	82.8	89.7	92.8	94.1	95.0	95.3	95.8	96.4	96.7	96.7	97.1	97.1	97.3	97.9
GE 200	66.9	76.0	82.8	89.7	93.1	94.6	95.6	96.0	96.4	97.3	97.7	97.7	98.2	98.2	98.4	99.1
GE 100	66.9	76.0	82.8	89.7	93.1	94.6	95.7	96.1	96.6	97.6	98.2	98.2	98.8	98.9	99.1	99.9
GE 000	66.9	76.0	82.8	89.7	93.1	94.6	95.7	96.1	96.6	97.6	98.2	98.2	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.4	38.0	40.9	42.7	44.1	44.2	44.4	44.7	44.8	44.9	45.0	45.0	45.1	45.1	45.1	45.1
GE 20000	36.2	41.2	44.4	46.4	48.0	48.2	48.4	48.7	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1
GE 18000	36.2	41.3	44.6	46.6	48.1	48.3	48.6	48.8	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.2
GE 16000	36.2	41.3	44.6	46.6	48.1	48.3	48.6	48.8	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.2
GE 14000	36.3	41.4	44.7	46.7	48.2	48.4	48.7	48.9	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.3
GE 12000	37.0	42.4	45.8	47.8	49.3	49.6	49.8	50.0	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.4
GE 10000	39.1	45.1	49.2	51.3	53.1	53.3	53.6	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.2
GE 9000	39.4	45.4	49.6	51.7	53.4	53.7	53.9	54.1	54.2	54.3	54.4	54.4	54.6	54.6	54.6	54.6
GE 8000	41.4	48.4	52.8	54.9	57.0	57.3	57.6	57.8	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.2
GE 7000	42.1	49.1	53.7	55.8	57.9	58.2	58.4	58.7	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.1
GE 6000	42.6	49.6	54.1	56.2	58.3	58.7	58.9	59.1	59.2	59.3	59.4	59.4	59.6	59.6	59.6	59.6
GE 5000	44.0	51.4	56.1	58.6	60.7	61.0	61.2	61.4	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9
GE 4500	44.9	52.4	57.4	60.3	62.8	63.1	63.6	64.0	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4
GE 4000	45.6	53.2	58.2	61.6	64.0	64.4	64.9	65.3	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8
GE 3500	46.9	54.6	59.7	63.1	65.6	66.0	66.4	66.9	67.2	67.3	67.4	67.4	67.6	67.6	67.6	67.6
GE 3000	48.0	56.4	61.8	65.2	68.1	68.9	69.3	69.8	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4
GE 2500	50.3	59.2	64.9	68.4	71.3	72.2	72.7	73.1	73.4	73.6	73.7	73.7	73.8	73.8	73.8	73.8
GE 2000	52.7	61.8	67.9	71.6	74.7	75.7	76.1	76.6	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2
GE 1800	53.0	62.1	68.3	72.0	75.2	76.2	76.7	77.2	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9
GE 1500	54.0	64.2	70.7	74.6	78.0	79.0	79.6	80.1	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8
GE 1200	55.0	65.6	72.3	76.6	80.3	81.4	82.1	82.9	83.2	83.3	83.4	83.4	83.6	83.6	83.6	83.6
GE 1000	56.0	67.1	74.1	78.8	82.8	84.0	84.7	85.4	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 900	56.4	67.9	74.9	79.7	83.8	85.2	86.0	86.8	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4
GE 800	56.6	68.0	75.3	80.3	84.7	86.1	87.2	88.0	88.3	88.4	88.6	88.6	88.7	88.7	88.7	89.0
GE 700	56.8	68.3	75.7	80.8	85.2	86.9	88.2	89.0	89.3	89.4	89.6	89.6	89.7	89.7	89.8	90.1
GE 600	57.1	68.7	76.1	81.2	85.9	87.8	89.3	90.2	90.6	90.7	90.8	90.8	90.9	90.9	91.0	91.3
GE 500	57.1	68.8	76.3	81.7	86.7	88.8	90.3	91.4	91.8	92.0	92.3	92.3	92.4	92.4	92.6	92.9
GE 400	57.1	68.8	76.4	82.0	87.6	89.9	91.6	93.1	93.6	93.8	94.3	94.3	94.6	94.6	94.8	95.1
GE 300	57.1	68.9	76.6	82.4	88.4	90.9	92.8	94.6	95.3	95.6	96.2	96.2	96.6	96.6	96.9	97.2
GE 200	57.1	68.9	76.6	82.4	88.4	90.9	92.8	95.1	95.9	96.1	97.4	97.4	98.0	98.1	98.6	99.0
GE 100	57.1	68.9	76.6	82.4	88.4	90.9	92.8	95.2	96.0	96.2	97.6	97.6	98.1	98.3	99.2	99.9
GE 000	57.1	68.9	76.6	82.4	88.4	90.9	92.8	95.2	96.0	96.2	97.6	97.6	98.1	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.1	40.1	42.4	43.2	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	39.0	44.6	47.2	48.3	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 18000	39.2	44.8	47.4	48.6	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	39.2	44.8	47.4	48.6	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	40.3	46.0	48.7	49.8	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 12000	41.3	47.2	50.0	51.2	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 10000	44.2	50.1	53.1	54.7	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 9000	44.6	50.7	53.8	55.3	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 8000	45.8	52.4	55.8	57.3	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	46.2	53.0	56.4	58.2	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	46.2	53.1	56.7	58.6	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 5000	47.2	54.3	58.3	60.6	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4500	48.4	55.8	60.3	63.1	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4000	49.7	57.1	62.2	65.1	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3500	50.6	58.4	63.6	66.8	68.0	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3000	51.7	59.7	65.1	68.4	69.8	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 2500	55.4	63.8	69.4	73.0	74.3	74.3	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 2000	57.1	66.0	72.2	76.1	78.0	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	57.7	66.6	72.8	76.7	78.6	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1500	58.6	67.6	74.1	78.0	80.2	80.4	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1200	59.7	69.6	76.8	81.0	83.6	83.8	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1000	60.8	71.1	78.3	82.6	85.4	86.2	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	61.1	71.6	78.9	83.1	86.0	87.0	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	61.4	71.9	79.3	83.6	86.8	87.8	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0	89.1
GE 700	62.0	72.4	79.9	84.3	87.6	89.0	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.3
GE 600	62.2	72.9	80.3	84.9	88.4	89.9	90.8	91.1	91.2	91.3	91.4	91.4	91.4	91.6	91.7	91.8
GE 500	62.2	73.2	81.2	86.0	90.3	92.2	93.7	94.2	94.3	94.6	94.7	94.7	94.7	94.8	94.9	95.0
GE 400	62.2	73.2	81.3	86.2	90.8	93.0	94.6	95.4	95.6	96.1	96.4	96.4	96.6	96.7	96.8	96.9
GE 300	62.2	73.2	81.3	86.2	91.1	93.6	95.2	96.7	96.9	97.9	98.3	98.3	98.4	98.7	98.9	99.0
GE 200	62.2	73.2	81.3	86.2	91.1	93.6	95.2	96.8	97.0	98.1	98.8	98.9	99.2	99.4	99.8	99.9
GE 100	62.2	73.2	81.3	86.2	91.2	93.7	95.3	96.9	97.1	98.2	98.9	99.0	99.3	99.6	99.9	100.0
GE 000	62.2	73.2	81.3	86.2	91.2	93.7	95.3	96.9	97.1	98.2	98.9	99.0	99.3	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	46.0	46.4	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	48.4	51.6	52.2	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	48.6	51.7	52.3	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 16000	48.6	51.7	52.3	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	48.7	51.9	52.6	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 12000	49.8	53.3	54.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	52.3	55.9	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	52.3	56.0	57.0	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	55.4	59.3	0.7	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	55.7	59.7	61.0	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000	55.8	59.8	61.1	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 5000	56.8	61.0	62.3	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	57.6	61.8	63.1	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	59.4	63.8	65.3	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500	60.9	65.4	67.1	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 3000	63.7	68.8	70.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	65.8	71.2	73.3	74.9	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	68.1	73.8	76.4	78.2	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1800	69.2	74.9	77.6	79.3	80.1	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1500	70.3	76.4	79.2	81.2	82.1	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1200	72.3	79.4	82.8	85.0	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1000	73.6	81.1	84.7	87.3	88.7	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 900	73.8	81.3	85.0	88.1	89.7	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	74.0	81.7	85.6	88.9	90.4	91.2	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	74.2	81.9	86.1	89.6	91.4	92.3	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	74.2	81.9	86.3	89.8	91.9	93.1	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	74.2	81.9	86.4	90.0	93.1	94.6	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	74.2	81.9	86.4	90.1	93.4	94.9	96.7	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	74.2	81.9	86.4	90.1	93.4	95.0	97.1	98.3	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	74.2	81.9	86.4	90.1	93.4	95.0	97.1	98.4	98.9	99.1	99.3	99.3	99.3	99.7	99.8	99.8
GE 100	74.2	81.9	86.4	90.1	93.4	95.0	97.1	98.4	98.9	99.1	99.3	99.3	99.8	99.9	99.9	100.0
GE 000	74.2	81.9	86.4	90.1	93.4	95.0	97.1	98.4	98.9	99.1	99.3	99.3	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.0	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	49.6	51.8	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	49.6	51.8	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 16000	49.6	51.8	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 14000	50.0	52.2	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 12000	51.1	53.6	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	54.1	56.8	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	54.3	57.0	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	58.7	61.6	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	59.3	62.6	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	59.7	62.9	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	60.8	64.6	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4500	61.4	65.3	66.6	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	62.9	66.9	68.2	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3500	64.1	68.2	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3000	66.8	71.2	72.6	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2500	68.8	73.7	75.2	75.7	76.2	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2000	71.2	77.2	79.0	79.4	80.2	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	71.9	78.2	80.1	80.7	81.7	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	73.4	80.1	82.6	83.8	84.9	85.2	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	75.1	82.8	85.4	86.7	88.0	88.3	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	75.6	83.4	86.4	87.7	89.3	89.9	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	75.6	83.6	86.7	87.9	89.6	90.1	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	75.8	83.8	87.2	88.7	90.3	91.1	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	76.0	84.0	87.7	89.2	90.9	91.9	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	76.1	84.1	88.2	89.8	91.8	92.8	93.8	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	76.1	84.4	88.7	90.6	93.1	94.4	95.7	96.2	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	76.1	84.4	88.7	90.6	93.1	94.4	96.0	97.2	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	76.1	84.4	88.7	90.6	93.3	94.8	96.4	97.9	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	76.1	84.4	88.7	90.6	93.3	94.8	96.4	97.9	98.2	98.8	99.2	99.2	99.3	99.4	99.4	99.4
GE 100	76.1	84.4	88.7	90.6	93.3	94.8	96.4	97.9	98.2	98.8	99.3	99.3	99.4	99.6	99.6	99.9
GE 000	76.1	84.4	88.7	90.6	93.3	94.8	96.4	97.9	98.2	98.8	99.3	99.3	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	48.9	49.8	49.8	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	49.7	52.2	53.1	53.2	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	49.8	52.3	53.2	53.3	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	49.8	52.3	53.2	53.3	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	50.2	52.6	53.5	53.6	53.7	53.8	53.8	53.8	54.0	4.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	51.5	54.0	54.8	55.0	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	53.5	56.2	57.1	57.2	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	54.0	56.6	57.5	57.6	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	57.1	59.8	60.6	60.8	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 7000	57.7	60.5	61.5	61.6	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	58.1	60.9	61.9	62.0	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 5000	59.2	62.4	63.4	63.8	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4500	61.3	64.5	65.6	65.9	66.2	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	63.0	66.2	67.4	67.8	68.2	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3500	64.4	67.9	69.3	69.8	70.2	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3000	65.9	70.0	71.8	72.4	72.9	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2500	69.6	74.1	76.6	77.3	78.3	78.7	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000	70.9	75.7	78.8	79.9	81.2	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	71.9	76.8	80.0	81.2	82.4	82.8	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	73.5	78.9	82.3	83.5	84.8	85.5	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	73.7	79.3	83.2	84.5	86.1	86.7	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	74.6	80.6	84.9	86.4	88.7	89.4	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	74.9	80.9	85.4	87.1	89.6	90.3	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	75.0	81.0	85.8	88.0	90.6	91.4	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	75.1	81.3	86.2	88.5	91.3	92.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	75.1	81.3	86.2	89.2	92.2	93.4	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	75.3	81.7	86.7	89.7	92.8	94.1	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	75.3	81.7	86.7	90.0	93.1	94.6	96.5	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	75.3	81.7	86.7	90.0	93.3	95.0	97.0	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	75.3	81.7	86.7	90.0	93.3	95.0	97.0	98.3	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 100	75.3	81.7	86.7	90.0	93.3	95.0	97.0	98.3	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.9
GE 000	75.3	81.7	86.7	90.0	93.3	95.0	97.0	98.3	99.2	99.4	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	46.9	49.2	49.5	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	48.3	51.1	53.5	54.0	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	48.3	51.1	53.5	54.0	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	48.3	51.1	53.5	54.0	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	48.4	51.3	53.7	54.2	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	49.5	52.4	54.8	55.3	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	51.6	54.7	57.4	57.9	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 9000	51.8	55.0	57.7	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	53.4	56.7	59.5	60.0	60.2	60.2	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 7000	54.2	57.5	60.4	60.9	61.1	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 6000	55.0	58.3	61.2	61.6	61.9	61.9	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000	56.6	60.4	63.8	64.2	64.5	64.5	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4500	57.9	61.9	65.4	66.0	66.4	66.4	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	58.3	62.4	66.1	66.8	67.2	67.2	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	60.2	64.7	68.7	69.5	69.9	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	61.9	66.7	71.2	72.1	72.6	72.6	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2500	65.8	71.1	76.5	77.7	78.6	78.6	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2000	67.8	73.5	79.4	80.6	81.7	81.7	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	68.3	74.2	80.4	81.7	82.8	82.8	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	70.1	76.3	82.8	84.3	85.6	85.6	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	70.3	76.6	83.4	85.3	86.6	86.6	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1000	71.0	77.3	84.9	87.1	88.4	88.4	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
GE 900	71.6	77.8	85.6	88.2	89.6	89.7	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.7
GE 800	71.6	78.0	86.2	88.9	90.4	90.7	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.0
GE 700	71.6	78.6	87.3	90.1	91.6	92.3	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.6
GE 600	71.7	78.6	87.7	90.7	92.3	93.0	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4
GE 500	71.8	79.0	88.2	91.2	93.0	94.2	95.1	95.5	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.2
GE 400	71.8	79.0	88.5	91.6	93.9	95.1	96.0	96.8	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.5
GE 300	71.8	79.0	88.5	91.6	94.0	95.2	96.3	97.5	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.6
GE 200	71.8	79.0	88.5	91.6	94.1	95.3	96.4	97.9	98.4	98.8	98.9	98.9	98.9	99.0	99.1	99.2
GE 100	71.6	79.0	88.5	91.6	94.1	95.3	96.4	97.9	98.4	99.1	99.2	99.2	99.2	99.4	99.6	100.0
GE 000	71.8	79.0	88.5	91.6	94.1	95.3	96.4	97.9	98.4	99.1	99.2	99.2	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 397

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	44.7	46.3	47.0	47.4	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8
GE 20000	45.1	48.5	50.2	51.1	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.0
GE 18000	45.2	48.5	50.3	51.2	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.1
GE 16000	45.2	48.5	50.3	51.2	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.1
GE 14000	45.5	48.9	50.7	51.6	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
GE 12000	46.5	50.0	51.8	52.7	53.2	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.6
GE 10000	49.0	52.7	54.8	55.8	56.3	56.4	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.7	56.7
GE 9000	49.2	53.0	55.1	56.1	56.6	56.7	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 8000	51.8	56.0	58.2	59.2	59.8	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
GE 7000	52.4	56.7	59.0	60.0	60.6	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1
GE 6000	52.7	57.1	59.5	60.5	61.1	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6
GE 5000	54.0	58.8	61.4	62.6	63.2	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7
GE 4500	55.1	60.0	62.9	64.2	65.0	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
GE 4000	56.3	61.3	64.4	65.9	66.7	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
GE 3500	57.7	62.9	66.1	67.7	68.5	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
GE 3000	59.5	65.1	68.5	70.3	71.2	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
GE 2500	62.4	68.4	72.4	74.4	75.5	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4
GE 2000	64.6	71.1	75.5	77.7	79.1	79.4	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 1800	65.3	71.9	76.5	78.7	80.1	80.4	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1
GE 1500	66.7	73.7	78.6	81.1	82.6	83.0	83.3	83.4	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 1200	67.6	75.2	80.5	83.2	85.0	85.3	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2
GE 1000	68.4	76.3	82.0	85.0	87.1	87.6	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5
GE 900	68.8	76.8	82.7	85.9	88.1	88.8	89.3	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8
GE 800	68.9	77.1	83.1	86.6	88.9	89.6	90.3	90.5	90.7	90.7	90.7	90.7	90.8	90.8	90.9	91.0
GE 700	69.2	77.5	83.7	87.4	89.8	90.8	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.4
GE 600	69.3	77.7	84.1	87.9	90.5	91.6	92.6	92.9	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.6
GE 500	69.3	77.9	84.5	88.4	91.5	93.0	94.3	94.7	94.9	95.2	95.3	95.3	95.3	95.4	95.4	95.6
GE 400	69.3	77.9	84.6	88.7	92.1	93.6	95.1	96.0	96.3	96.6	96.8	96.8	96.9	96.9	97.0	97.2
GE 300	69.3	78.0	84.6	88.9	92.5	94.2	95.8	96.9	97.3	97.8	98.0	98.0	98.2	98.2	98.4	98.6
GE 200	69.3	78.0	84.6	88.9	92.6	94.2	95.9	97.1	97.6	98.2	98.6	98.6	98.9	99.0	99.2	99.4
GE 100	69.3	78.0	84.6	88.9	92.6	94.3	95.9	97.2	97.7	98.3	98.8	98.8	99.1	99.2	99.5	99.9
GE 000	69.3	78.0	84.6	88.9	92.6	94.3	95.9	97.2	97.7	98.3	98.8	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7194



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.5	41.8	43.8	43.8	44.3	44.4	44.4	44.5	44.6	44.7	44.8	44.8	44.9	44.9	45.1	45.3
GE 20000	41.7	45.3	47.2	47.2	47.7	47.8	47.8	48.0	48.1	48.2	48.3	48.3	48.4	48.4	48.5	48.7
GE 18000	41.7	45.3	47.2	47.2	47.7	47.8	47.8	48.0	48.1	48.2	48.3	48.3	48.4	48.4	48.5	48.7
GE 16000	41.7	45.3	47.2	47.2	47.7	47.8	47.8	48.0	48.1	48.2	48.3	48.3	48.4	48.4	48.5	48.7
GE 14000	41.9	45.5	47.4	47.4	48.0	48.1	48.1	48.2	48.3	48.4	48.5	48.5	48.6	48.6	48.7	48.9
GE 12000	43.4	47.0	48.9	48.9	49.5	49.6	49.6	49.7	49.8	49.9	50.0	50.0	50.1	50.1	50.2	50.4
GE 10000	46.6	50.3	52.5	52.5	53.0	53.1	53.1	53.2	53.3	53.4	53.5	53.5	53.7	53.7	53.8	54.0
GE 9000	46.7	50.4	52.6	52.6	53.1	53.2	53.2	53.3	53.4	53.5	53.7	53.7	53.8	53.8	53.9	54.1
GE 8000	49.4	53.1	55.3	55.3	55.9	56.0	56.0	56.1	56.2	56.3	56.5	56.5	56.6	56.6	56.7	56.9
GE 7000	50.2	54.0	56.2	56.3	57.3	57.4	57.4	57.5	57.6	57.7	57.8	57.8	58.0	58.0	58.1	58.3
GE 6000	50.3	54.3	56.9	57.1	58.2	58.4	58.4	58.5	58.6	58.7	58.8	58.8	58.9	58.9	59.0	59.2
GE 5000	53.0	57.2	60.0	60.3	61.5	61.8	61.8	61.9	62.0	62.2	62.3	62.3	62.4	62.4	62.5	62.7
GE 4500	53.9	58.1	61.0	61.3	62.7	63.1	63.1	63.2	63.3	63.4	63.5	63.5	63.7	63.7	63.8	64.0
GE 4000	55.2	59.4	62.3	62.6	64.0	64.4	64.4	64.5	64.6	64.7	64.8	64.8	64.9	64.9	65.1	65.3
GE 3500	56.3	60.6	63.7	64.1	65.5	65.9	65.9	66.0	66.1	66.2	66.3	66.3	66.5	66.5	66.6	66.8
GE 3000	58.6	63.2	66.3	66.9	68.3	68.9	68.9	69.1	69.2	69.4	69.5	69.5	69.6	69.6	69.7	69.9
GE 2500	61.3	66.8	70.0	70.9	72.6	73.4	73.5	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.6
GE 2000	63.7	69.1	72.7	74.1	75.9	76.9	77.0	77.3	77.5	77.7	77.8	77.8	78.0	78.0	78.1	78.3
GE 1800	64.6	70.5	74.2	75.6	77.4	78.4	78.5	78.8	79.0	79.2	79.4	79.4	79.5	79.5	79.6	79.8
GE 1500	66.5	72.8	76.7	78.3	80.1	81.1	81.2	81.5	81.7	81.9	82.0	82.0	82.2	82.2	82.3	82.5
GE 1200	66.8	73.7	78.0	79.9	81.9	82.9	83.1	83.4	83.7	83.9	84.0	84.0	84.1	84.1	84.2	84.4
GE 1000	67.1	74.5	79.6	81.6	84.1	85.3	85.5	85.8	86.1	86.3	86.5	86.5	86.6	86.6	86.7	86.9
GE 900	67.5	75.6	81.0	83.7	86.1	87.3	87.5	87.8	88.2	88.4	88.5	88.5	88.6	88.6	88.7	88.9
GE 800	67.6	75.8	81.3	84.1	86.7	87.8	88.2	88.5	88.9	89.1	89.2	89.2	89.4	89.4	89.5	89.7
GE 700	67.7	76.1	81.9	85.5	88.4	89.6	90.0	90.4	91.0	91.2	91.3	91.3	91.4	91.4	91.5	91.7
GE 600	67.7	76.1	82.2	85.8	89.0	90.2	90.6	91.2	91.8	92.0	92.2	92.2	92.3	92.3	92.4	92.6
GE 500	67.7	76.1	82.4	86.3	89.8	91.0	91.5	92.0	92.7	92.9	93.0	93.0	93.1	93.1	93.2	93.4
GE 400	67.8	76.3	82.6	86.7	90.5	92.0	92.9	93.8	94.4	94.6	94.7	94.7	94.8	94.8	94.9	95.2
GE 300	67.8	76.3	82.7	86.9	91.3	92.9	94.4	95.6	96.3	96.8	97.0	97.0	97.4	97.4	97.5	97.7
GE 200	67.8	76.3	82.7	86.9	91.4	93.1	94.6	96.0	97.0	97.5	98.2	98.2	98.8	98.8	98.9	99.2
GE 100	67.8	76.3	82.7	86.9	91.4	93.1	94.6	96.0	97.0	97.5	98.3	98.3	99.0	99.1	99.2	99.6
GE 000	67.8	76.3	82.7	86.9	91.4	93.1	94.6	96.0	97.0	97.5	98.3	98.3	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	G 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.3	39.5	42.3	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.8
GE 20000	39.2	42.4	45.3	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8
GE 18000	39.4	42.5	45.4	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.9
GE 16000	39.4	42.5	45.4	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.9
GE 14000	40.0	43.2	46.1	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.6
GE 12000	41.4	44.6	47.5	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	49.0
GE 10000	44.8	48.2	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.9
GE 9000	45.1	48.4	51.6	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.1
GE 8000	47.4	50.9	54.4	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.1	56.3
GE 7000	48.3	51.8	55.5	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.4	57.6
GE 6000	49.0	52.6	56.2	57.4	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.1	58.1	58.2	58.4
GE 5000	51.0	54.5	58.2	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.3	60.5
GE 4500	52.4	56.0	60.1	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.5	62.7
GE 4000	54.2	57.8	61.9	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3	64.4	64.6
GE 3500	54.9	58.6	62.7	64.3	64.9	64.9	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.3	65.4	65.6
GE 3000	57.1	61.2	65.4	67.4	68.3	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.7	68.7	68.8	69.0
GE 2500	59.9	64.5	68.9	71.4	72.6	72.8	73.0	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.5	73.8
GE 2000	61.4	66.2	71.0	73.7	74.8	75.3	75.6	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.1	76.3
GE 1800	61.6	66.6	71.5	74.3	75.5	75.9	76.2	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.8	77.0
GE 1500	64.0	69.2	74.6	77.7	79.1	79.7	80.0	80.3	80.3	80.3	80.5	80.5	80.6	80.6	80.8	81.0
GE 1200	65.7	71.1	76.8	80.0	81.6	82.3	82.6	82.9	82.9	82.9	83.1	83.1	83.2	83.2	83.3	83.5
GE 1000	67.1	72.8	78.9	82.7	84.6	85.4	85.7	86.0	86.0	86.0	86.2	86.2	86.3	86.3	86.5	86.7
GE 900	67.4	73.3	79.7	83.4	85.4	86.1	86.5	86.8	86.8	86.8	87.0	87.0	87.1	87.1	87.2	87.4
GE 800	67.5	73.5	80.3	84.5	87.0	87.7	88.1	88.5	88.5	88.5	88.7	88.7	88.8	88.8	88.9	89.1
GE 700	67.5	73.9	80.6	85.3	88.0	88.7	89.0	89.5	89.5	89.5	89.7	89.7	89.8	89.8	89.9	90.1
GE 600	67.5	74.1	81.3	86.3	89.4	90.2	90.6	91.1	91.2	91.3	91.5	91.5	91.7	91.7	91.9	92.2
GE 500	67.5	74.1	81.4	87.4	91.0	91.9	92.5	93.3	93.4	93.5	93.8	93.8	94.0	94.0	94.2	94.4
GE 400	67.5	74.1	82.0	88.2	92.0	93.5	94.1	95.1	95.2	95.3	95.5	95.5	95.7	95.7	95.9	96.1
GE 300	67.5	74.1	82.0	88.4	92.3	93.8	94.5	95.9	96.3	96.6	96.9	96.9	97.1	97.2	97.4	97.8
GE 200	67.5	74.1	82.0	88.4	92.3	94.0	94.7	96.1	96.9	97.2	97.8	97.8	98.1	98.3	98.6	99.2
GE 100	67.5	74.1	82.0	88.4	92.3	94.0	94.7	96.1	96.9	97.4	98.2	98.2	98.6	98.9	99.2	100.0
GE 000	67.5	74.1	82.0	88.4	92.3	94.0	94.7	96.1	96.9	97.4	98.2	98.2	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.5	37.1	39.7	41.5	42.9	43.1	43.2	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	33.9	38.8	41.7	43.8	45.3	45.5	45.6	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 18000	34.0	38.9	41.8	43.9	45.4	45.6	45.7	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 16000	34.0	38.9	41.8	43.9	45.4	45.6	45.7	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 14000	34.6	39.7	42.6	44.6	46.1	46.3	46.5	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 12000	35.9	41.1	44.0	46.1	47.6	47.8	48.0	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 10000	39.1	44.4	47.3	49.5	51.1	51.3	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 9000	39.4	44.6	47.5	49.7	51.3	51.5	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 8000	42.0	47.4	50.5	52.7	54.3	54.5	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 7000	42.9	48.4	51.9	54.2	56.1	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 6000	43.5	49.0	52.6	54.8	56.8	57.2	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 5000	45.3	50.9	54.4	56.7	58.8	59.2	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4500	46.9	52.7	56.2	59.0	61.4	62.0	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4000	48.1	53.9	57.4	60.2	62.6	63.2	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3500	49.4	55.5	59.0	61.8	64.2	64.8	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3000	51.2	57.3	60.9	63.8	66.3	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 2500	52.7	59.1	63.2	66.1	68.8	69.5	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 2000	54.8	62.0	66.3	69.5	72.3	73.0	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1800	56.1	63.8	68.1	71.3	74.2	74.9	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1500	58.3	66.5	71.0	74.6	78.0	78.8	79.0	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 1200	60.1	68.8	73.5	77.5	81.2	82.0	82.3	82.6	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 1000	60.6	70.0	75.4	79.8	83.8	84.7	84.9	85.3	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8
GE 900	60.9	71.2	77.1	81.9	85.9	86.9	87.4	87.7	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3
GE 800	61.0	71.7	77.8	82.9	86.9	87.8	88.4	88.8	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4
GE 700	61.1	72.5	78.9	84.2	88.5	89.7	90.3	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3
GE 600	61.1	72.5	79.0	84.5	89.6	90.9	91.9	92.4	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 500	61.1	72.5	79.1	84.9	90.9	92.3	93.7	94.2	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 400	61.1	72.5	79.2	85.3	91.5	92.9	94.4	95.3	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 300	61.1	72.5	79.2	85.3	91.5	92.9	94.5	95.9	96.5	96.7	96.9	97.0	97.1	97.1	97.1	97.4
GE 200	61.1	72.5	79.2	85.3	91.5	92.9	94.6	96.2	96.9	97.3	97.6	97.7	98.1	98.1	98.3	98.8
GE 100	61.1	72.5	79.2	85.3	91.5	92.9	94.6	96.2	97.0	97.4	97.8	98.1	98.6	98.7	99.1	99.7
GE 000	61.1	72.5	79.2	85.3	91.5	92.9	94.6	96.2	97.0	97.4	98.0	98.2	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.3	37.8	40.1	41.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	35.8	42.6	45.2	46.7	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 18000	35.8	42.6	45.2	46.7	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 16000	35.8	42.6	45.2	46.7	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 14000	36.6	43.4	46.0	47.5	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	37.5	44.4	47.2	48.7	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 10000	39.7	47.0	49.8	51.6	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 9000	40.1	47.4	50.2	52.0	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	42.8	50.2	53.0	54.9	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 7000	43.3	51.0	53.8	55.7	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 6000	44.1	51.7	54.5	56.5	58.3	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5000	45.5	53.5	56.3	58.4	60.3	60.6	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 4500	46.1	54.3	57.1	59.4	61.5	61.8	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4000	46.9	55.1	57.8	60.3	62.5	62.8	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 3500	48.4	56.9	59.7	62.3	64.6	64.9	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 3000	49.5	58.2	61.0	63.7	66.0	66.3	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 2500	51.7	61.1	64.3	67.1	69.6	70.1	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 2000	53.8	63.9	67.6	70.9	73.5	74.2	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1800	54.7	65.1	68.9	72.2	74.8	75.6	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1500	56.9	67.4	71.8	75.4	78.7	79.7	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1200	57.8	69.2	74.1	78.1	81.7	82.7	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1000	58.5	70.4	75.5	79.6	83.4	84.8	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	58.8	70.9	76.2	80.4	84.9	86.6	87.1	87.3	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	59.0	71.4	77.2	81.6	86.3	88.3	88.9	89.2	89.2	89.6	89.8	89.8	89.8	89.8	89.3	89.8
GE 700	59.2	71.8	77.6	82.4	87.2	89.2	90.1	90.5	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.4
GE 600	59.2	71.8	77.7	82.8	88.6	91.2	92.2	92.6	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4
GE 500	59.5	72.3	78.2	83.4	89.4	92.4	93.4	94.1	94.5	94.9	95.4	95.4	95.6	95.6	95.6	95.6
GE 400	59.5	72.3	78.2	83.4	89.4	92.5	94.1	94.9	95.5	96.0	96.5	96.5	96.7	96.7	96.7	96.7
GE 300	59.5	72.3	78.2	83.4	89.6	92.7	94.3	95.6	96.1	96.8	97.5	97.6	97.8	97.8	98.1	98.2
GE 200	59.5	72.3	78.2	83.4	89.6	92.7	94.3	95.6	96.1	96.9	98.0	98.1	98.3	98.3	98.7	98.9
GE 100	59.5	72.4	78.3	83.5	89.7	92.8	94.4	95.7	96.2	97.0	98.1	98.2	98.4	98.6	99.0	99.7
GE 000	59.5	72.4	78.3	83.5	89.7	92.8	94.4	95.7	96.2	97.0	98.1	98.2	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	40.6	41.7	41.8	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	41.6	47.5	48.7	49.1	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 18000	41.6	47.5	48.7	49.1	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 16000	41.6	47.5	48.7	49.1	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 14000	41.8	48.0	49.1	49.6	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	43.1	49.2	50.5	51.0	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 10000	46.3	53.0	54.4	54.8	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	46.8	53.7	55.2	55.6	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 8000	49.7	56.7	58.2	58.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 7000	50.4	57.4	58.9	59.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 6000	50.9	57.8	59.5	60.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 5000	52.5	59.8	61.5	62.7	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4500	53.8	61.3	63.0	64.3	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	54.0	61.6	63.3	64.6	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 3500	54.8	62.9	64.8	66.1	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3000	55.9	64.3	66.2	67.6	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2500	58.1	66.8	68.9	70.3	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 2000	61.0	70.5	72.8	74.4	76.2	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1800	61.8	71.4	73.8	75.4	77.3	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500	63.0	73.2	76.1	78.1	80.1	80.4	81.0	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	63.7	74.8	78.9	81.4	83.7	84.0	84.5	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1000	63.9	75.6	80.4	83.5	86.0	86.5	87.0	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	64.3	76.2	81.2	84.5	87.1	87.6	88.3	88.7	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 800	64.4	76.3	81.4	84.8	87.7	88.9	89.6	90.3	90.3	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 700	64.5	76.6	81.7	85.3	88.4	89.7	90.5	91.5	91.5	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 600	64.8	77.0	82.4	86.2	89.7	91.6	92.7	93.9	93.9	94.4	94.5	94.5	94.7	94.7	94.7	94.7
GE 500	64.8	77.0	82.4	86.2	90.1	92.2	93.8	95.3	95.4	95.9	96.0	96.0	96.2	96.2	96.2	96.2
GE 400	64.8	77.1	82.5	86.3	90.6	92.8	94.6	96.2	96.5	97.0	97.1	97.1	97.3	97.3	97.3	97.3
GE 300	64.8	77.1	82.5	86.3	90.6	92.9	94.8	97.1	97.4	98.2	98.4	98.6	98.8	98.8	98.9	98.9
GE 200	64.8	77.1	82.5	86.3	90.6	92.9	94.9	97.2	97.5	98.3	99.0	99.4	99.6	99.6	99.7	99.9
GE 100	64.8	77.1	82.5	86.3	90.6	92.9	94.9	97.2	97.5	98.3	99.0	99.4	99.6	99.6	99.7	100.0
GE 000	64.8	77.1	82.5	86.3	90.6	92.9	94.9	97.2	97.5	98.3	99.0	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	40.9	41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 20000	42.8	46.7	47.4	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000	42.8	46.7	47.5	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 16000	42.8	46.7	47.5	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 14000	43.5	47.5	48.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 12000	44.3	48.3	49.5	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 10000	48.3	52.5	53.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 9000	48.5	53.1	54.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 8000	51.5	56.3	57.7	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 7000	52.2	57.3	58.8	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 6000	52.6	57.7	59.2	60.6	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 5000	53.1	58.3	59.8	61.3	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	54.2	59.4	60.9	62.4	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4000	54.6	59.9	61.5	63.0	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 3500	56.9	62.2	63.9	65.4	66.1	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 3000	59.7	65.8	67.7	69.2	70.3	70.3	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 2500	61.3	68.4	70.8	72.5	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2000	62.9	70.9	73.5	75.5	77.2	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800	64.3	72.9	75.7	77.7	79.6	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1500	64.9	74.3	77.3	79.6	81.6	81.8	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1200	65.5	75.8	79.2	82.2	84.5	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	65.6	76.3	80.6	84.2	87.1	87.4	87.8	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3
GE 900	65.6	76.5	81.2	84.7	87.6	88.1	88.6	88.7	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1
GE 800	65.8	76.9	81.9	86.0	89.1	89.8	90.4	90.6	90.8	90.9	91.0	91.1	91.2	91.2	91.2	91.2
GE 700	65.9	77.0	82.0	86.5	89.9	91.0	91.6	92.0	92.2	92.4	92.5	92.6	92.7	92.7	92.7	92.7
GE 600	66.0	77.2	82.3	86.7	90.3	92.0	93.2	93.7	93.8	94.0	94.2	94.3	94.4	94.4	94.4	94.4
GE 500	66.1	77.3	82.4	86.9	90.6	92.6	94.3	95.1	95.3	95.5	95.7	95.8	95.9	95.9	95.9	95.9
GE 400	66.1	77.5	82.7	87.3	91.3	93.3	95.5	96.7	97.1	97.3	97.5	97.6	97.7	97.7	97.7	97.7
GE 300	66.1	77.6	82.8	87.4	91.5	93.7	96.0	97.4	98.3	98.5	98.8	98.9	99.1	99.2	99.2	99.2
GE 200	66.1	77.6	82.8	87.4	91.5	93.7	96.2	97.6	98.5	98.8	99.2	99.4	99.6	99.7	99.7	100.0
GE 100	66.1	77.6	82.8	87.4	91.5	93.7	96.2	97.6	98.5	98.8	99.2	99.4	99.6	99.7	99.7	100.0
GE 000	66.1	77.6	82.8	87.4	91.5	93.7	96.2	97.6	98.5	98.8	99.2	99.4	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.5	43.4	44.2	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 20000	44.0	47.2	48.2	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 18000	44.1	47.3	48.4	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 16000	44.1	47.3	48.4	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 14000	44.7	48.0	49.2	50.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	45.6	48.8	50.1	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 10000	48.1	51.8	53.1	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 9000	48.2	52.3	53.5	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 8000	51.2	55.6	57.1	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000	52.0	56.5	58.0	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	52.5	56.9	58.4	59.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	53.4	58.4	60.1	61.6	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4500	54.9	59.9	61.6	63.1	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4000	56.0	61.1	63.0	64.5	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3500	57.3	62.6	64.5	66.0	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3000	58.8	64.2	66.2	68.1	69.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2500	61.3	67.1	70.0	71.8	72.9	73.1	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2000	63.2	70.0	73.0	75.3	76.5	76.7	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1800	63.8	71.4	74.5	76.8	78.1	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1500	65.3	73.4	76.8	79.5	81.5	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1200	65.9	74.7	78.6	81.7	83.8	84.0	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	66.1	75.2	80.0	83.4	85.7	85.9	86.5	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	66.1	75.4	80.5	84.3	86.8	87.2	87.8	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	66.2	75.7	81.1	85.2	88.0	88.4	89.0	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	66.5	75.9	81.4	86.3	89.7	90.4	91.2	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	66.5	76.0	81.7	87.0	90.6	91.9	92.7	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	66.5	76.0	81.7	87.1	91.0	92.4	93.8	94.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	66.9	76.5	82.2	87.6	91.9	93.8	95.6	96.5	96.5	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	66.9	76.5	82.2	87.6	92.0	94.0	96.1	97.2	97.6	98.3	98.5	98.5	98.6	98.6	98.6	98.6
GE 200	66.9	76.5	82.2	87.6	92.0	94.0	96.1	97.3	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.6
GE 100	66.9	76.5	82.2	87.6	92.0	94.0	96.1	97.3	98.0	98.8	99.2	99.2	99.6	99.7	99.7	99.8
GE 000	66.9	76.5	82.2	87.6	92.0	94.0	96.1	97.3	98.0	98.8	99.2	99.2	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.3	42.9	43.8	44.0	44.4	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8
GE 20000	44.0	46.9	47.7	48.1	48.5	48.6	48.7	48.7	48.7	48.8	48.9	48.9	48.9	49.0	49.0	49.0
GE 18000	44.0	46.9	47.7	48.1	48.5	48.6	48.7	48.7	48.7	48.8	48.9	48.9	48.9	49.0	49.0	49.0
GE 16000	44.0	46.9	47.7	48.1	48.5	48.6	48.7	48.7	48.7	48.8	48.9	48.9	48.9	49.0	49.0	49.0
GE 14000	44.3	47.2	48.1	48.4	48.8	48.9	49.0	49.0	49.0	49.1	49.2	49.2	49.2	49.4	49.4	49.4
GE 12000	44.8	47.7	48.6	48.9	49.4	49.5	49.6	49.6	49.6	49.7	49.8	49.8	49.8	49.9	49.9	49.9
GE 10000	48.4	51.6	52.6	53.2	53.7	53.8	53.9	53.9	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2
GE 9000	48.7	51.9	52.9	53.5	54.0	54.1	54.2	54.2	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5
GE 8000	50.6	54.4	55.6	56.8	57.3	57.4	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8
GE 7000	51.8	55.6	56.9	58.1	58.7	58.8	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.2
GE 6000	52.5	56.2	57.5	58.7	59.4	59.5	59.6	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9
GE 5000	53.9	57.6	59.0	60.5	61.4	61.5	61.6	61.6	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9
GE 4500	55.6	59.8	61.2	62.9	63.8	64.1	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5
GE 4000	56.1	60.3	61.7	63.5	64.4	64.7	64.8	64.8	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2
GE 3500	57.3	61.8	63.2	65.1	65.9	66.3	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8
GE 3000	58.8	63.3	64.8	66.9	67.7	68.2	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8
GE 2500	62.2	67.2	69.5	71.8	72.8	73.4	73.5	73.7	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1
GE 2000	64.2	69.6	71.8	74.3	75.5	76.5	76.6	76.9	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3
GE 1800	65.2	70.6	72.9	75.6	76.9	77.8	78.0	78.3	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7
GE 1500	66.2	72.3	75.1	78.4	80.1	81.1	81.3	81.6	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0
GE 1200	66.6	73.1	76.8	80.4	82.3	83.2	83.7	84.0	84.1	84.2	84.4	84.4	84.4	84.5	84.5	84.5
GE 1000	67.1	73.9	78.5	82.7	84.6	85.6	86.1	86.5	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.0
GE 900	67.3	74.2	78.8	83.2	85.3	86.2	86.8	87.1	87.2	87.3	87.5	87.5	87.5	87.6	87.6	87.6
GE 800	67.3	74.6	79.9	85.1	87.4	88.4	88.9	89.2	89.4	89.5	89.7	89.7	89.7	89.8	89.8	89.8
GE 700	67.7	75.2	80.6	86.7	89.1	90.3	91.3	91.6	91.7	91.8	92.0	92.0	92.0	92.2	92.2	92.2
GE 600	67.7	75.2	80.8	86.9	89.7	91.0	92.0	92.4	92.5	92.8	93.0	93.0	93.0	93.1	93.1	93.1
GE 500	67.7	75.2	80.8	87.4	90.6	91.9	93.4	93.9	94.0	94.3	94.5	94.5	94.5	94.6	94.6	94.6
GE 400	67.7	75.3	80.9	88.0	91.8	93.5	95.4	96.0	96.2	96.7	97.0	97.0	97.0	97.1	97.1	97.1
GE 300	67.7	75.3	80.9	88.1	91.9	93.7	95.8	96.8	97.0	97.5	97.8	98.0	98.1	98.2	98.2	98.2
GE 200	67.7	75.3	80.9	88.1	92.0	93.9	96.0	97.0	97.2	97.7	98.4	98.5	99.1	99.2	99.2	99.4
GE 100	67.7	75.3	80.9	88.1	92.0	93.9	96.0	97.0	97.2	98.0	98.7	98.8	99.5	99.6	99.6	99.7
GE 000	67.7	75.3	80.9	88.1	92.0	93.9	96.0	97.0	97.2	98.0	98.7	98.8	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	40.5	42.1	42.8	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.7
GE 20000	40.4	44.7	46.4	47.3	48.0	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000	40.4	44.7	46.5	47.3	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4
GE 16000	40.4	44.7	46.5	47.3	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4
GE 14000	40.9	45.3	47.1	48.0	48.7	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1
GE 12000	42.0	46.4	48.3	49.2	49.9	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3
GE 10000	45.2	49.9	51.8	52.8	53.6	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0
GE 9000	45.4	50.2	52.2	53.2	54.0	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4
GE 8000	48.1	53.1	55.2	56.5	57.3	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7
GE 7000	48.9	54.0	56.3	57.5	58.5	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0
GE 6000	49.4	54.5	56.9	58.2	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7
GE 5000	51.0	56.3	58.7	60.1	61.3	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 4500	52.2	57.7	60.1	61.7	63.0	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.7
GE 4000	53.1	58.6	61.1	62.8	64.1	64.3	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 3500	54.4	60.1	62.7	64.4	65.7	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.5
GE 3000	56.2	62.2	64.8	66.7	68.2	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0
GE 2500	58.5	65.1	68.2	70.2	71.9	72.3	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0
GE 2000	60.6	67.8	71.1	73.4	75.2	75.8	76.1	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6
GE 1800	61.5	69.0	72.4	74.9	76.7	77.3	77.6	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.1
GE 1500	63.1	71.1	74.9	77.7	79.9	80.5	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.5
GE 1200	64.0	72.7	77.0	80.1	82.6	83.2	83.6	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3
GE 1000	64.5	73.6	78.6	82.2	84.9	85.7	86.1	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.9
GE 900	64.7	74.2	79.5	83.3	86.1	87.0	87.5	87.8	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.4
GE 800	64.9	74.5	80.1	84.3	87.4	88.4	88.9	89.3	89.4	89.6	89.8	89.8	89.8	89.9	89.9	89.9
GE 700	65.0	74.9	80.6	85.3	88.6	89.8	90.5	91.0	91.2	91.3	91.5	91.5	91.6	91.6	91.6	91.7
GE 600	65.1	75.0	80.9	85.8	89.6	91.1	92.0	92.5	92.7	93.0	93.1	93.2	93.3	93.3	93.3	93.4
GE 500	65.1	75.1	81.0	86.2	90.4	92.1	93.3	94.0	94.3	94.6	94.7	94.8	94.9	94.9	94.9	95.0
GE 400	65.2	75.2	81.3	86.6	91.1	93.1	94.6	95.6	95.9	96.3	96.5	96.5	96.6	96.6	96.7	96.7
GE 300	65.2	75.2	81.3	86.7	91.3	93.3	95.1	96.4	96.9	97.4	97.7	97.8	98.0	98.1	98.1	98.3
GE 200	65.2	75.2	81.3	86.7	91.4	93.4	95.2	96.6	97.3	97.8	98.4	98.5	98.9	98.9	99.1	99.4
GE 100	65.2	75.2	81.3	86.7	91.4	93.4	95.2	96.7	97.3	97.9	98.6	98.7	99.1	99.2	99.4	99.8
GE 000	65.2	75.2	81.3	86.7	91.4	93.4	95.2	96.7	97.3	97.9	98.6	98.7	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
1ST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	48.3	51.4	53.2	54.5	54.8	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4
GE 20000	47.5	53.5	57.0	59.0	60.5	60.8	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5
GE 18000	47.6	53.6	57.1	59.2	60.6	60.9	61.2	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7
GE 16000	47.6	53.7	57.1	59.2	60.7	61.0	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7
GE 14000	48.2	54.3	57.8	59.9	61.4	61.7	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4
GE 12000	49.2	55.5	59.1	61.3	62.8	63.1	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8
GE 10000	52.3	59.1	63.0	65.4	67.0	67.4	67.7	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.2
GE 9000	52.5	59.4	63.4	65.8	67.4	67.7	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5
GE 8000	54.7	62.0	66.2	68.8	70.5	70.9	71.2	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.7
GE 7000	55.4	62.8	67.1	69.8	71.5	72.0	72.3	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.8
GE 6000	55.8	63.3	67.6	70.3	72.1	72.5	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 5000	57.0	64.8	69.3	72.1	74.0	74.4	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.3
GE 4500	58.1	66.1	70.9	73.8	75.8	76.3	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2
GE 4000	59.1	67.3	72.2	75.3	77.3	77.8	78.2	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8
GE 3500	60.1	68.6	73.6	76.7	78.9	79.4	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3
GE 3000	61.4	70.2	75.4	78.7	81.0	81.6	82.0	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.6
GE 2500	63.0	72.1	77.6	81.2	83.7	84.3	84.8	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
GE 2000	64.3	73.9	79.6	83.4	86.0	86.7	87.2	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.9
GE 1800	64.7	74.4	80.2	84.0	86.8	87.4	88.0	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6
GE 1500	65.5	75.5	81.6	85.7	88.6	89.3	89.9	90.2	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.7
GE 1200	65.9	76.2	82.6	86.8	89.9	90.7	91.4	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1
GE 1000	66.2	76.7	83.4	87.8	91.2	92.0	92.8	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.6	93.6
GE 900	66.3	76.9	83.7	88.3	91.8	92.6	93.4	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.4
GE 800	66.4	77.1	84.0	88.7	92.4	93.3	94.2	94.7	94.8	95.0	95.0	95.1	95.1	95.1	95.2	95.2
GE 700	66.5	77.3	84.2	89.1	92.9	93.9	94.9	95.4	95.5	95.7	95.8	95.8	95.9	95.9	96.0	96.1
GE 600	66.5	77.3	84.3	89.3	93.2	94.4	95.4	96.0	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.7
GE 500	66.6	77.4	84.5	89.6	93.6	94.9	96.1	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.6
GE 400	66.6	77.4	84.5	89.7	93.9	95.2	96.6	97.4	97.6	98.0	98.1	98.1	98.2	98.3	98.3	98.4
GE 300	66.6	77.4	84.6	89.7	94.0	95.4	96.8	97.7	98.0	98.4	98.6	98.7	98.8	98.8	98.9	99.1
GE 200	66.6	77.4	84.6	89.7	94.0	95.4	96.8	97.8	98.2	98.6	98.9	99.0	99.2	99.3	99.4	99.6
GE 100	66.6	77.4	84.6	89.7	94.1	95.4	96.9	97.8	98.2	98.6	99.0	99.1	99.3	99.4	99.6	99.9
GE 000	66.6	77.4	84.6	89.7	94.1	95.4	96.9	97.8	98.2	98.7	99.0	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87665

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	34.5	13.5	13.8	36.0	2.2	51.9	4.1	930
03-05	31.5	14.1	14.2	37.3	2.9	54.4	3.5	930
06-08	16.7	23.1	21.5	35.6	3.1	60.2	3.5	930
09-11	11.2	23.8	24.3	38.7	2.0	65.1	4.1	930
12-14	12.3	24.2	22.5	39.5	1.6	63.5	2.9	930
15-17	11.8	25.1	24.9	36.6	1.6	63.1	4.6	930
18-20	22.3	20.6	17.1	38.1	1.9	57.1	4.0	930
21-23	29.9	15.8	14.6	38.3	1.4	54.3	4.2	930
ALL HOURS	21.3	20.0	19.1	37.5	2.1	58.7	3.9	7440

MONTH: FEB HOURS: ALL

00-02	28.5	14.1	12.2	39.9	5.2	57.4	3.4	849
03-05	29.2	13.4	11.9	40.4	5.1	57.4	5.7	849
06-08	14.7	23.9	15.7	39.9	5.8	61.4	8.8	849
09-11	13.0	23.0	18.8	41.2	4.0	64.1	8.2	849
12-14	11.0	21.6	22.5	42.6	2.4	67.5	4.1	849
15-17	10.4	23.8	20.7	43.7	1.4	65.8	3.7	849
18-20	20.8	18.8	14.0	43.3	2.9	60.3	4.0	849
21-23	26.6	15.3	11.1	41.7	5.3	58.1	1.8	849
ALL HOURS	19.3	19.2	15.9	41.6	4.0	61.5	5.0	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECD: DEC 79 - NOV 89  
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	27.5	17.2	14.1	39.9	1.3	55.3	2.2	930
03-05	25.3	18.7	13.2	41.6	1.1	56.0	2.3	930
06-08	9.9	29.0	21.5	38.4	1.2	61.1	5.1	930
09-11	11.4	26.2	19.1	42.0	1.2	62.4	2.6	930
12-14	8.1	25.7	24.0	41.9	.3	66.7	1.7	930
15-17	7.3	26.2	25.2	41.2	.1	66.5	1.6	930
18-20	15.9	22.4	19.8	41.5	.4	61.7	1.6	930
21-23	25.6	17.4	13.8	42.8	.4	57.0	1.3	930
ALL HOURS	16.4	22.9	18.8	41.2	.8	60.8	2.3	7440

MONTH: APR HOURS: ALL

00-02	31.9	22.2	15.0	30.0	.9	45.9	2.2	900
03-05	26.8	21.8	18.8	31.8	.9	51.4	1.8	900
06-08	14.3	28.8	24.9	31.3	.7	56.9	2.4	900
09-11	11.0	31.7	26.1	30.9	.3	57.3	2.0	900
12-14	9.2	32.9	27.4	29.9	.6	57.9	1.0	900
15-17	8.3	33.2	26.6	31.9		58.4	.3	900
18-20	15.1	31.2	22.1	31.4	.1	53.7	.2	900
21-23	29.8	23.7	13.4	32.7	.4	46.6	1.2	900
ALL HOURS	18.3	28.2	21.8	31.2	.5	53.5	1.4	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	36.2	23.4	16.5	23.2	.6	49.3	3.2	930
03-05	21.1	34.3	19.2	23.9	1.5	44.6	4.2	930
06-08	15.1	31.5	24.1	28.7	.6	53.4	4.5	930
09-11	12.3	30.0	27.7	30.0		57.7	1.0	930
12-14	6.2	33.0	33.1	27.6		60.8	.5	930
15-17	5.4	33.8	35.1	25.7	.1	60.9	.3	930
18-20	9.1	34.0	29.4	27.5		56.9	.9	930
21-23	24.7	31.0	19.4	24.7	.2	44.3	1.8	930
ALL HOURS	16.3	31.4	25.6	26.4	.4	52.4	2.1	7440

MONTH: JUN HOURS: ALL

00-02	37.3	26.4	17.2	19.0		36.2	3.0	900
03-05	19.2	35.8	24.8	19.4	.8	45.0	6.1	900
06-08	12.2	32.4	33.7	21.0	.7	55.3	4.8	900
09-11	10.0	36.2	31.8	21.7	.3	53.8	1.4	900
12-14	6.0	36.2	39.6	18.2		57.8	1.1	900
15-17	7.4	36.2	38.3	18.0		56.3	.2	900
18-20	10.9	34.0	33.9	21.2		55.1	.7	900
21-23	29.0	29.9	20.3	20.8		41.1	1.3	900
ALL HOURS	16.5	33.4	29.9	19.9	.2	50.1	2.3	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	42.4	26.5	16.3	14.3	.5	31.2	2.7	930
03-05	27.3	38.2	19.0	14.7	.8	34.5	8.2	930
06-08	19.0	38.9	24.9	16.8	.3	42.0	11.2	930
09-11	16.3	36.9	29.8	16.9	.1	46.8	2.9	930
12-14	4.8	47.1	32.2	15.9		48.1	2.3	930
15-17	4.4	47.1	33.5	14.8	.1	48.5	1.6	930
18-20	12.	44.5	27.3	15.3		42.6	1.4	930
21-23	34.6	32.8	18.3	14.3		32.6	3.0	930
ALL HOURS	20.2	39.0	25.2	15.4	.2	40.8	4.2	7440

MONTH: AUG HOURS: ALL

00-02	44.6	25.6	14.7	14.9	.1	29.8	3.4	930
03-05	33.8	32.5	17.5	15.6	.6	33.8	8.0	930
06-08	14.5	42.6	25.1	16.8	1.1	42.9	11.1	930
09-11	14.4	42.4	28.3	14.9		43.2	2.9	930
12-14	6.1	47.7	31.9	14.2		46.1	.6	930
15-17	7.4	51.0	26.2	15.4		41.6	.9	930
18-20	18.8	41.5	25.3	14.4		39.7	1.6	930
21-23	37.8	29.2	17.0	15.9		32.9	2.7	930
ALL HOURS	22.2	39.1	23.3	15.3	.2	38.8	3.9	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	46.3	19.9	14.1	19.6	.1	33.8	2.2	900
03-05	40.1	26.0	15.0	18.8	.1	33.9	3.1	900
06-08	17.9	35.2	28.2	18.1	.6	46.9	6.0	900
09-11	16.0	36.3	28.9	18.8		47.7	.2	900
12-14	10.1	37.9	34.1	17.9		52.0	.2	900
15-17	13.2	39.0	29.8	18.0		47.8		900
18-20	24.7	33.8	20.2	21.3		41.6	.9	900
21-23	39.7	24.0	16.6	19.8		36.3	.9	900
ALL HOURS	26.0	31.5	23.4	19.0	.1	42.5	1.7	7200

MONTH: OCT HOURS: ALL

00-02	37.1	18.8	13.5	30.0	.5	44.1	2.8	930
03-05	34.8	23.5	11.4	29.4	.9	41.6	4.8	930
06-08	15.9	31.7	20.4	28.7	3.2	52.4	5.3	930
09-11	14.2	31.5	22.2	31.5	.6	54.3	3.9	930
12-14	14.1	31.2	26.2	28.4	.1	54.7	.8	930
15-17	15.5	26.8	30.0	27.7		57.7	.9	930
18-20	24.6	21.8	21.5	32.0		53.5	1.5	930
21-23	34.5	18.1	14.7	32.4	.3	47.4	2.4	930
ALL HOURS	23.8	25.4	20.0	30.0	.7	50.7	2.8	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	28.8	16.3	13.9	39.7	1.3	54.9	3.1	900
03-05	30.3	15.7	13.2	39.7	1.1	54.0	4.3	900
06-08	13.8	26.1	20.8	37.6	1.8	60.1	4.4	900
09-11	12.4	26.3	23.1	37.2	.9	61.2	4.1	900
12-14	13.6	27.2	22.0	36.8	.4	59.2	3.0	900
15-17	10.1	29.7	23.4	36.1	.7	60.2	2.8	900
18-20	23.9	20.0	16.3	37.7	.2	56.2	3.1	897
21-23	29.4	16.4	12.0	41.0	1.1	54.2	2.1	897
ALL HOURS	20.3	22.2	18.1	38.5	.9	57.5	3.4	7194

MONTH: DEC HOURS: ALL

00-02	26.0	16.0	12.0	44.5	1.4	58.0	2.8	930
03-05	25.6	15.3	14.0	43.4	1.7	59.1	2.4	930
06-08	13.7	26.1	18.9	39.4	1.9	60.2	2.7	930
09-11	8.9	27.4	23.7	37.8	2.2	63.7	3.1	930
12-14	7.5	26.2	25.7	39.5	1.1	66.2	4.2	930
15-17	6.5	27.7	22.9	42.2	.8	65.8	2.9	930
18-20	19.6	21.5	13.4	44.4	1.1	58.9	2.6	930
21-23	23.7	15.8	16.5	42.6	1.5	60.5	2.3	930
ALL HOURS	16.4	22.0	18.4	41.7	1.5	61.6	2.9	7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL ORSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	35.1	20.0	14.5	29.2	1.2	44.8	2.9	10959
03-05	28.7	24.2	16.0	29.6	1.4	47.1	4.5	10959
06-08	14.8	30.8	23.3	29.3	1.7	54.3	5.8	10959
09-11	12.6	31.0	25.3	30.1	1.0	56.4	3.0	10959
12-14	9.1	32.6	28.5	29.3	.5	58.3	1.9	10959
15-17	9.0	33.4	28.1	29.2	.4	57.7	1.6	10959
18-20	18.2	28.7	21.7	30.8	.5	53.1	1.9	10956
21-23	30.5	22.5	15.7	30.5	.9	47.1	2.1	10956
ALL HOURS	19.7	27.9	21.6	29.8	1.0	52.3	3.0	87666

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPP	AA AA	RRRRRRR	TT	EEEEEE
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).  
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE  
HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.  
THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 110							.1						.0
GE 105							.2						.0
GE 100						1.1	3.0	1.7	.6				.5
GE 95					.1	6.7	15.2	12.7	3.7	.1			3.2
GE 90				.4	4.7	28.0	44.1	35.2	15.0	1.0			10.8
GE 85			.2	4.0	17.4	55.1	76.2	64.6	33.1	7.4			21.8
GE 80		.2	2.1	13.3	36.6	78.1	93.3	85.7	53.0	18.1	.6		32.1
GE 75	.1	.6	6.3	25.8	56.7	91.8	98.8	96.2	73.3	34.4	3.6	.1	41.0
GE 70	.7	2.1	13.6	39.1	75.9	96.5	99.9	99.5	88.0	50.7	11.0	.8	48.6
GE 65	2.2	5.3	22.3	55.4	87.8	99.0	100.0	99.9	95.4	67.5	20.6	3.7	55.4
GE 60	5.6	11.7	33.6	70.1	95.5	99.8		100.0	98.7	81.6	33.5	9.9	62.2
GE 55	11.5	19.2	46.5	82.8	98.6	100.0			99.7	91.9	48.3	17.1	68.4
GE 50	19.6	29.8	59.2	91.4	99.8				100.0	76.9	62.7	27.2	74.3
GE 45	31.1	42.5	71.6	97.0	99.9					99.6	77.1	39.8	80.2
GE 40	43.8	57.7	84.6	99.5	100.0					100.0	88.3	56.7	86.1
GE 35	60.8	74.0	93.9	100.0							95.5	73.9	91.7
GE 33	67.3	79.2	95.5								96.9	81.8	93.5
GE 30	75.7	85.8	97.7								98.5	88.2	95.6
GE 25	84.9	93.3	99.1								99.5	94.1	97.6
GE 20	92.8	97.2	99.9								99.9	97.6	99.0
GE 15	96.6	98.8	100.0								99.9	99.0	99.5
GE 10	98.6	99.7									100.0	99.6	99.8
GE 5	99.6	100.0										99.9	100.0
GE 0	100.0											99.9	100.0
GE -5												100.0	100.0
.....													
MEAN	38.1	42.9	53.5	65.9	75.6	84.8	88.5	86.7	80.0	69.4	53.9	42.4	65.4
SD	13.01	12.83	13.20	11.35	8.96	7.22	5.91	6.61	8.82	10.36	11.94	11.98	20.52
.....													
TOTAL OBS	1580	1441	1612	1559	1611	1560	1611	1612	1560	1612	1560	1581	18899
.....													

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	AR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.1	.2						.0
GE 75						3.5	8.7	5.8	.3				1.5
GE 70				.1	1.6	22.8	44.9	31.8	9.9	.3			9.4
GE 65				1.9	11.2	51.9	75.1	62.3	25.4	2.9	.1		19.5
GE 60	.1	.1	.7	8.2	29.8	75.6	92.2	84.6	44.0	9.9	1.5	.1	29.2
GE 55	.3	.2	3.3	19.6	54.3	91.9	98.1	95.8	63.8	21.4	4.0	.6	38.2
GE 50	.6	.8	8.9	33.5	73.3	98.5	99.9	99.1	82.6	37.3	10.3	2.0	46.0
GE 45	2.0	2.9	17.2	52.5	88.6	99.9	100.0	99.9	93.8	58.0	18.7	4.2	53.6
GE 40	4.9	7.4	29.8	73.1	97.3	100.0		100.0	98.6	77.0	32.2	10.2	61.4
GE 35	11.8	18.4	47.6	88.9	99.5				99.7	91.6	50.4	21.8	69.6
GE 33	16.1	25.7	55.9	93.3	99.9				99.9	95.4	60.9	28.0	73.4
GE 30	28.7	40.4	70.2	97.3	99.9				99.9	98.1	73.5	41.5	79.5
GE 25	47.9	62.9	86.7	99.9	100.0				100.0	99.9	89.6	62.7	87.7
GE 20	61.0	75.6	95.2	100.0						100.0	96.5	78.9	92.4
GE 15	73.6	84.1	98.0								98.7	87.6	95.3
GE 10	84.4	91.5	98.9								99.6	93.6	97.4
GE 5	91.4	96.3	99.6								99.9	96.8	98.7
GE 0	95.4	98.7	99.9								100.0	98.9	99.4
GE -5	98.4	99.7	100.0									99.8	99.8
GE -10	99.7	99.9										100.0	100.0
GE -15	99.9	100.0											100.0
GE -20	100.0												100.0
MEAN	21.9	25.9	34.7	45.7	54.7	64.1	67.9	65.9	57.8	46.7	35.7	26.9	45.9
SD	11.89	10.60	10.09	9.16	7.88	6.49	5.47	6.09	8.50	9.07	9.87	10.67	18.17
TOTAL OBS	1580	1441	1612	1559	1611	1560	1611	1612	1560	1612	1560	1581	18899

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.5	.9	.2					.1
GE 85						3.8	11.0	7.8	.6				2.0
GE 80				.1	1.7	23.4	42.9	32.4	9.6	.2			9.3
GE 75			.1	1.3	12.7	53.0	77.7	63.5	28.2	2.2			20.1
GE 70			.6	9.0	32.4	78.4	94.7	88.4	49.4	10.9	.3		30.7
GE 65	.1	.1	4.0	22.3	55.9	93.9	99.6	97.8	70.9	25.9	3.3	.1	39.9
GE 60	.3	1.0	10.0	36.2	76.4	98.8	100.0	99.8	88.5	44.9	9.0	.8	47.6
GE 55	1.6	3.5	18.4	54.3	90.8	99.9		100.0	96.6	64.0	18.4	3.3	54.7
GE 50	4.5	8.2	31.1	73.5	97.3	100.0			99.6	83.3	32.1	9.1	62.1
GE 45	9.9	17.8	47.8	87.2	99.7				99.9	94.4	49.9	17.1	69.1
GE 40	21.3	32.5	64.5	96.4	100.0				100.0	98.6	68.8	31.8	76.5
GE 35	37.6	52.7	81.5	99.5						100.0	86.3	50.6	84.3
GE 33	44.9	61.1	86.8	99.9							90.4	59.6	87.1
GE 30	56.1	70.2	92.2	100.0							94.5	71.9	90.6
GE 25	69.2	81.9	97.3								97.9	84.8	94.4
GE 20	80.9	90.1	98.9								99.3	92.4	96.9
GE 15	89.6	95.6	99.5								99.7	96.2	98.4
GE 10	94.9	98.3	100.0								99.9	98.3	99.3
GE 5	98.2	99.5									100.0	99.5	99.8
GE 0	99.4	100.0										99.9	99.9
GE -5	99.8											100.0	100.0
GE -10	100.0												100.0
.....													
MEAN	30.2	34.6	44.3	55.9	65.3	74.6	78.4	76.5	69.1	58.2	45.0	34.8	55.8
SD	11.86	11.02	10.96	9.54	7.76	6.28	5.11	5.71	7.88	8.72	10.14	10.69	19.00
.....													
TOTAL OBS	1580	1441	1612	1559	1611	1560	1611	1612	1560	1612	1560	1581	18899
.....													

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +05

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
38	57	76	82	86	87	93	100	102	98	89	80	62	102
39			84	82	92	94	99	94	101	92	72	70	101*
40	40	59	85	85	89	94	100	99	97	90	77	67	100
41	62	60	67	86	92	98	101	102	93	89	75	66	102
42	62	60	79	86	93	93	100	97	97	89	78	71	100
43	74	72	80	83	90	93	99	102	93	85	73	63	102
44	69	72	79	78	90	100	98	98	94	89	80	56	100
45	53	76	83	78	88	91	100	99	94	80	77	65	100
46	62	66	80	89	81	95	98	95	91	87	71	68	98
47	67	61	65	80	84	94	100	102	98	86	62	64	102
48	62	66	82	85	83	94	94	97	95	79	74	75	97
49	66	64	75	80	90	95	97	93	86	85	77	72	97
50	75	57	78	87	89	96	92	89	88	88	84	69	96
51	69	68	76	88	90	93	94	99	88	89	73	72	99
52	74	69	73	86	93	104	105	95	94	93	78	63	105
53	64	65	77	85	97	102	101	99	101	95	75	62	102
54	65	73	76	87	91	103	110	101	103	92	73	59	110
55	65	73	80	88	90	96	98	97	98	63	82	69	98
56	60	73	84	87	91	96	98	100	97	86	78	71	100
57	58	70	72	85	86	93	97	96	91	85	68	63	97
58	53	70	61	83	91	94	94	93	92	85	79	56	94
59	62	66	79	89	91	96	98	95	91	85	71	62	98
60	66	63	77	87	84	94	89	96	96	80	73	59	96
61	58	67	75	81	87	90	93	91	90	84	79	68	93
62	64	81	73	83	91	94	95	103	91	89	68	65	103
63	63	60	83	87	90	95	96	100	91	92	72	66	100
64	64	58	71	84	91	95	96	104	94	84	75	57	104
65	67	67	65	88	87	91	100	94	90	81	72	67	100
66	58	60	78	74	87	94	104	92	89	81	74	69	104
67	73	66	83	88	94	95	99	95	88	90	66	68	99
68	62	61	82	83	90	96	94	97	87	86	69	58	97
69	58	54	76	79	92	95	94	93	91	86	69	64	95
70	71	67	69	86	87	93	101	95	94	79	69	75	101



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	65	70	77	90	84	99	99	96	102	90	80	70	102
72	72	81	83	84	87	98	97	95	97	81	67	62	98
73	63	65	72	80	83	93	94	97	89	83	75	65	97
74	62	64	82	83	90	94	99	92	85	81	75	60	99
75	63	62	72	82	93	95	96	99	96	88	78	66	99
76	67	78	77	86	85	92	100	91	91	86	71	65	100
77	40	68	78	86	91	98	96	93	93	77	69	57	98
78	44	46	83	83	90	96	96	97	92	80	79	61	97
79	41	53	72	78	85	94	93	93	87	88	74	64	94
80	58	57	65	88	86	96	104	101	94	91	78	65	104
81	59	74	85	87	83	92	99	90	89	90	72	65	99
82	50	70	79	80	89	92	95	97	87	86	78	72	97
83	57	67	72	77	83	95	102	99	97	88	71	50	102
84	54	65	71	85	85	93	98	99	97	78	74	72	99
85	43	61	87	84	91	90	96	92	94	85	74	53	96
86	73	67	85	90	91	95	102	96	92	83	75	53	102
87	60	64	75	93	95	101	94	102	92	80	82	60	102
88	64	75	80	90	93	103	99	98	94	86	72	71	103
89	73	56	80	92	92	93	95	95	92	88	83		95*
.....													
GREATEST	75	81	87	93	97	104	110	104	103	95	84	75	110
.....													
TOTAL OBS	1580	1441	1612	1559	1611	1560	1611	1612	1560	1612	1560	1581	18899
.....													

THE GREATEST VALUE OF 110 OCCURRED ON 07/14/54

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
38	6	16	27	28	37	54	61	58	45	30	12	14	6
39			20	25	38	50	60	52	41	28	22	-1	-1*
40	-10	11	17	25	35	51	48	44	33	35	13	11	-10
41	11	13	15	40	41	50	55	53	43	31	20	18	11
42	-4	10	28	34	41	51	56	48	27	25	20	8	-4
43	-2	3	4	30	42	54	58	54	41	31	23	-2	-2
44	12	0	18	28	33	46	54	54	48	34	18	2	0
45	0	4	26	33	37	47	53	49	49	35	21	0	0
46	2	12	27	33	43	50	58	47	43	34	27	13	2
47	9	6	13	35	37	46	52	60	40	40	15	19	6
48	-2	4	3	37	46	54	57	55	48	29	24	0	-2
49	1	16	16	31	42	55	61	53	36	29	21	13	1
50	12	11	14	27	43	52	53	48	38	34	4	4	4
51	-1	-11	15	30	43	51	56	56	39	34	11	4	-11
52	7	24	15	30	43	57	60	53	45	24	18	17	7
53	15	14	24	30	42	55	58	55	43	33	17	5	5
54	5	16	18	22	35	50	62	58	48	31	25	22	5
55	3	-1	9	34	46	49	65	57	44	34	13	11	-1
56	7	22	19	29	38	48	60	53	45	37	17	22	7
57	2	22	22	28	36	57	62	57	43	31	17	10	2
58	11	-2	27	32	38	52	63	51	44	34	9	4	-2
59	-2	10	24	32	41	51	56	60	48	33	7	21	-2
60	10	7	-3	28	36	51	55	54	45	28	22	1	-3
61	-8	6	25	25	34	48	53	56	41	34	21	3	-8
62	-11	9	8	26	45	53	53	51	40	28	26	-7	-11
63	-13	-2	23	32	33	46	52	51	40	30	24	-5	-13
64	-5	10	18	29	43	51	55	46	43	28	5	2	-5
65	-10	0	12	34	42	52	55	45	38	28	21	18	-10
66	-6	-4	18	28	29	46	54	53	41	31	22	13	-6
67	2	1	17	34	35	52	53	45	42	34	21	-5	-5
68	-8	10	14	31	40	55	55	51	48	32	23	9	-8
69	3	20	15	32	39	45	63	56	42	28	20	12	3
70	-8	2	20	30	41	54	53	58	45	33	13	16	-8

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	6	3	18	25	36	60	51	52	44	34	20	19	3
72	-4	9	25	27	44	44	50	52	45	29	22	11	-4
73	7	7	30	27	41	54	61	58	44	40	21	-4	-4
74	-3	12	1	29	41	51	58	56	37	31	25	18	-3
75	11	4	20	25	47	55	53	58	41	33	16	10	4
76	0	2	23	28	31	53	57	55	41	25	9	-5	-5
77	-19	2	28	35	41	50	55	56	51	34	13	4	-19
78	3	2	0	34	33	49	59	54	44	32	31	15	0
79	-8	-8	20	29	38	53	55	54	43	29	21	9	-8
80	10	4	8	34	37	45	60	61	47	26	24	3	3
81	7	0	23	33	40	56	55	56	47	26	28	4	0
82	-8	-10	23	25	49	55	60	54	45	32	20	15	-10
83	15	13	25	28	38	49	56	59	36	37	27	-7	-7
84	-7	5	18	33	40	56	55	56	39	38	24	12	-7
85	-14	-11	26	29	43	48	62	56	40	35	28	0	-14
86	-1	-3	20	32	43	57	64	47	44	38	13	12	-3
87	3	20	23	26	46	54	60	58	49	29	22	20	3
88	2	1	21	35	43	49	57	52	46	28	25	7	1
89	23	6	13	30	38	50	61	54	37	35	17		6*
.....													
LEAST	-19	-11	-3	22	29	44	48	44	27	24	4	-7	-19
.....													
TOTAL OBS	1580	1441	1612	1559	1611	1560	1611	1612	1560	1612	1560	1581	18899
.....													

THE LEAST VALUE OF -19 OCCURRED ON 01/16/77

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
38	33	42	53	56	65	73	80	80	71	61	46	34	58
39			47	52	67	74	78	74	74	60	43	37	61*
40	16	33	42	52	62	73	77	76	67	61	42	39	53
41	35	32	39	59	68	75	79	80	71	61	45	39	57
42	31	34	46	59	65	74	79	74	67	59	48	32	56
43	32	39	40	54	65	77	80	79	66	57	42	31	55
44	36	37	41	53	69	78	78	76	69	58	46	28	56
45	28	35	54	57	61	70	76	76	69	56	45	28	55
46	33	39	56	59	62	74	78	72	68	61	47	39	57
47	33	28	37	55	62	72	75	83	70	64	40	37	55
48	25	32	43	59	63	74	77	76	70	54	47	37	55
49	33	36	43	53	67	76	80	76	63	59	47	39	56
50	38	37	41	51	66	73	75	71	66	63	38	28	54
51	32	35	41	52	67	72	78	76	66	59	38	35	54
52	37	41	43	55	66	83	81	77	69	54	47	38	57
53	36	40	47	52	67	81	81	77	71	61	46	37	58
54	33	44	42	61	61	79	84	80	74	59	46	37	58
55	34	36	45	62	68	72	82	79	73	57	42	33	57
56	29	38	45	54	67	76	78	78	69	63	45	40	57
57	28	41	44	58	66	76	80	78	69	56	44	41	57
58	32	27	39	56	66	72	77	78	70	59	49	30	55
59	28	36	46	57	70	76	78	80	71	58	39	40	57
60	35	32	31	59	62	72	74	77	72	57	45	30	54
61	28	36	46	51	59	70	76	75	70	58	44	32	54
62	25	36	39	53	72	73	77	75	66	61	44	31	54
63	22	27	48	57	63	75	76	74	68	66	46	23	54
64	34	33	42	58	68	75	78	76	69	54	47	32	56
65	31	34	35	58	69	73	75	74	68	56	48	41	55
66	25	32	46	51	61	72	81	72	64	53	46	35	53
67	35	31	48	59	62	76	77	72	68	59	44	37	56
68	30	31	47	57	64	78	78	77	68	58	45	36	56
69	31	36	38	55	65	74	80	77	67	55	42	32	54
70	22	32	40	57	68	72	77	76	72	56	43	40	55

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: +06

PERIOD OF RECORD: 3801-8911  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	29	35	42	56	62	78	75	75	73	65	48	44	57
72	32	36	47	58	67	74	77	76	73	57	42	33	56
73	33	35	52	55	63	76	79	77	71	62	49	32	57
74	32	37	49	58	67	71	80	75	63	59	46	36	56
75	35	34	42	56	70	77	78	79	67	60	49	36	57
76	31	43	50	56	61	72	79	74	67	51	37	30	54
77	17	35	50	60	71	75	80	77	72	56	47	32	56
78	22	23	38	56	63	73	78	75	71	54	48	35	53
79	18	23	44	53	64	74	76	75	67	58	42	38	53
80	32	27	41	54	65	73	83	82	71	56	45	36	55
81	31	37	45	62	60	76	79	74	68	55	49	33	56
82	25	28	46	51	71	71	79	75	68	59	46	42	55
83	33	37	44	50	63	75	82	81	70	58	47	22	55
84	29	40	38	54	61	77	76	77	66	61	44	41	55
85	23	29	49	59	66	70	78	75	70	61	48	26	55
86	34	35	48	60	68	78	82	74	74	60	43	35	58
87	31	40	49	57	73	79	80	78	71	53	49	39	58
88	31	33	47	57	68	77	79	81	71	54	48	38	57
89	42	30	45	57	63	73	78	76	66	59	46		58*
MEAN	30.2	34.6	44.3	55.9	65.3	74.6	78.4	76.5	69.1	58.2	45.0	34.8	55.8
TOTAL OBS	1580	1441	1612	1559	1611	1560	1611	1612	1560	1612	1560	1581	18899

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	28.3	10.993	930	16	600	0	0	0	930
03-05	27.2	11.150	930	15	637	0	0	0	930
06-08	26.5	11.395	930	16	645	0	0	0	930
09-11	30.4	11.694	930	9	498	1	0	0	930
12-14	34.8	12.223	930	6	379	11	0	0	930
15-17	35.5	12.140	930	4	365	11	0	0	930
18-20	31.9	11.060	930	4	460	0	0	0	930
21-23	29.9	11.078	930	11	531	0	0	0	930
ALL HOURS	30.6	11.849	7440	81	4115	23	0	0	7440

MONTH: FEB

00-02	30.6	12.349	849	8	455	0	0	0	849
03-05	29.0	12.525	849	15	479	0	0	0	849
06-08	28.5	12.394	849	14	480	0	0	0	849
09-11	33.2	12.796	849	3	341	0	0	0	849
12-14	38.2	13.569	849	0	287	23	0	0	849
15-17	39.4	13.531	849	0	271	27	0	0	849
18-20	35.3	12.413	849	0	317	3	0	0	849
21-23	32.6	12.010	849	3	388	1	0	0	849
ALL HOURS	33.4	13.269	6792	43	3018	54	0	0	6792

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	41.0	10.263	930	0	189	11	0	0	930
03-05	39.3	10.177	930	0	249	5	0	0	930
06-08	39.4	10.238	930	0	244	7	0	0	930
09-11	45.6	11.428	930	0	118	50	1	0	930
12-14	50.4	12.782	930	0	58	130	18	0	930
15-17	51.6	12.618	930	0	44	152	21	0	930
18-20	47.3	11.295	930	0	78	82	2	0	930
21-23	43.7	10.367	930	0	138	38	0	0	930
ALL HOURS	44.8	12.017	7440	0	1118	485	42	0	7440

MONTH: APR

00-02	50.9	9.519	900	0	23	69	0	0	900
03-05	48.5	9.215	900	0	33	38	0	0	900
06-08	50.8	9.538	900	0	23	80	0	0	900
09-11	58.7	10.756	900	0	2	269	25	0	900
12-14	63.5	11.829	900	0	0	408	92	0	900
15-17	64.4	11.790	900	0	0	432	106	1	900
18-20	59.5	10.779	900	0	6	296	30	0	900
21-23	54.3	9.834	900	0	16	155	0	0	900
ALL HOURS	56.3	11.920	7200	0	103	1747	253	1	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	59.8	7.918	930	0	0	289	0	0	930
03-05	57.4	8.172	930	0	0	203	0	0	930
06-08	61.6	8.133	930	0	0	363	5	0	930
09-11	69.7	8.418	930	0	0	686	120	0	930
12-14	74.0	8.944	930	0	0	789	282	3	930
15-17	74.7	8.741	930	0	0	809	309	2	930
18-20	69.5	8.388	930	0	0	674	113	0	930
21-23	63.6	7.757	930	0	0	433	7	0	930
ALL HOURS	66.3	10.300	7440	0	0	4246	836	5	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	68.4	6.399	900	0	0	654	22	0	900
03-05	66.2	6.590	900	0	0	558	9	0	900
06-08	70.4	6.676	900	0	0	712	74	0	900
09-11	78.4	7.142	900	0	0	872	407	14	900
12-14	82.5	7.458	900	0	0	886	609	58	900
15-17	83.0	7.468	900	0	0	888	634	66	900
18-20	78.1	6.966	900	0	0	877	392	15	900
21-23	71.8	6.280	900	0	0	787	92	0	900
ALL HOURS	74.9	9.194	7200	0	0	6234	2239	153	7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	72.9	5.351	930	0	0	859	90	0	930
03-05	70.9	5.398	930	0	0	797	34	0	930
06-08	74.6	5.709	930	0	0	889	191	0	930
09-11	82.9	5.960	930	0	0	930	674	40	930
12-14	87.1	6.397	930	0	0	930	827	194	930
15-17	87.2	6.865	930	0	0	930	807	221	930
18-20	82.0	6.354	930	0	0	930	606	44	930
21-23	76.0	5.285	930	0	0	917	256	0	930
ALL HOURS	79.2	8.442	7440	0	0	7182	3485	499	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	70.4	6.181	930	0	0	757	62	0	930
03-05	68.4	6.380	930	0	0	671	13	0	930
06-08	71.2	6.783	930	0	0	772	98	0	930
09-11	80.6	6.753	930	0	0	924	521	36	930
12-14	85.2	7.022	929	0	0	926	746	164	929
15-17	85.2	7.018	930	0	0	928	736	166	930
18-20	79.0	6.750	930	0	0	914	444	21	930
21-23	73.2	6.207	930	0	0	843	159	0	930
ALL HOURS	76.7	9.185	7439	0	0	6735	2779	387	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULBTEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.0	8.463	900	0	0	425	5	0	900
03-05	61.0	8.647	899	0	0	348	0	0	899
06-08	62.8	8.858	900	0	0	415	8	0	900
09-11	72.8	8.648	900	0	0	744	211	0	900
12-14	77.9	9.118	900	0	0	815	414	19	900
15-17	77.9	9.130	900	0	0	817	417	20	900
18-20	70.4	8.551	900	0	0	684	127	0	900
21-23	65.3	8.298	900	0	0	516	21	0	900
ALL HOURS	68.9	10.775	7199	0	0	4764	1203	39	7199

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	52.2	9.435	930	0	12	108	0	0	930
03-05	50.3	9.614	930	0	20	75	0	0	930
06-08	50.8	9.453	930	0	22	71	0	0	930
09-11	59.7	9.285	930	0	0	298	21	0	930
12-14	65.2	9.909	930	0	0	493	65	0	930
15-17	65.1	9.573	930	0	0	502	55	0	930
18-20	58.2	8.964	930	0	0	265	4	0	930
21-23	54.4	9.058	930	0	3	157	0	0	930
ALL HOURS	57.0	11.002	7440	0	57	1969	145	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	43.3	10.667	900	0	120	25	0	0	900
03-05	41.9	10.543	900	0	152	13	0	0	900
06-08	41.6	10.494	900	0	164	9	0	0	900
09-11	47.3	10.464	900	0	50	55	0	0	900
12-14	52.0	11.295	900	0	21	144	6	0	900
15-17	51.6	11.089	900	0	19	128	5	0	900
18-20	46.9	10.372	897	0	50	56	0	0	897
21-23	44.6	10.405	897	0	96	20	0	0	897
ALL HOURS	46.1	11.290	7194	0	672	450	11	0	7194

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	32.8	12.424	930	11	428	3	0	0	930
03-05	31.7	12.732	930	13	476	6	0	0	930
06-08	31.2	13.002	930	14	489	6	0	0	930
09-11	34.8	12.712	930	9	360	10	0	0	930
12-14	38.8	12.978	930	3	234	24	0	0	930
15-17	38.7	12.418	930	3	233	15	0	0	930
18-20	35.3	11.715	930	4	336	6	0	0	930
21-23	33.6	11.908	930	7	401	7	0	0	930
ALL HOURS	34.6	12.802	7440	64	2957	77	0	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	51.2	17.955	10959	35	1827	3200	179	0	10959
03-05	49.4	17.720	10958	43	2046	2714	56	0	10958
06-08	50.9	19.197	10959	44	2067	3324	376	0	10959
09-11	57.9	20.941	10959	21	1369	4849	1980	90	10959
12-14	62.6	21.232	10958	9	979	5579	3059	438	10958
15-17	63.0	21.052	10959	7	932	5639	3090	476	10959
18-20	57.9	19.966	10956	8	1247	4787	1718	80	10956
21-23	53.7	18.425	10956	21	1573	3874	535	0	10956
ALL HOURS	55.8	20.224	87664	188	12040	33966	10993	1084	87664

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	26.0	10.677	930	693	20	0	0	0	930
03-05	25.0	10.878	930	716	17	0	0	0	930
06-08	24.5	11.088	930	731	18	0	0	0	930
09-11	27.4	11.068	930	623	25	0	0	0	930
12-14	30.3	11.002	930	520	36	0	0	0	930
15-17	30.8	10.850	930	512	38	0	0	0	930
18-20	28.5	10.511	930	594	20	0	0	0	930
21-23	27.3	10.744	930	651	22	0	0	0	930
ALL HOURS	27.5	11.047	7440	5040	196	0	0	0	7440

MONTH: FEB

00-02	28.2	11.883	849	530	29	0	0	0	849
03-05	27.0	12.151	849	554	21	0	0	0	849
06-08	26.6	12.081	849	559	17	0	0	0	849
09-11	30.0	11.965	847	447	33	0	0	0	847
12-14	33.4	11.840	847	373	75	0	0	0	847
15-17	34.1	11.807	849	371	92	0	0	0	849
18-20	31.6	11.564	848	432	52	0	0	0	848
21-23	29.7	11.483	849	492	36	0	0	0	849
ALL HOURS	30.1	12.118	6787	3758	355	0	0	0	6787

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	37.5	9.435	930	310	107	0	0	0	930
03-05	36.3	9.630	930	338	83	0	0	0	930
06-08	36.4	9.709	930	327	85	0	0	0	930
09-11	40.3	10.039	930	213	168	4	0	0	930
12-14	43.1	10.393	930	148	249	13	0	0	930
15-17	43.7	10.107	930	126	261	12	0	0	930
18-20	41.5	9.732	930	178	204	2	0	0	930
21-23	39.4	9.422	929	243	140	0	0	0	929
ALL HOURS	39.8	10.195	7439	1883	1297	31	0	0	7439

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	46.0	9.129	900	58	307	3	0	0	900
03-05	44.4	9.068	900	81	269	0	0	0	900
06-08	46.0	9.062	900	65	301	4	0	0	900
09-11	50.4	9.401	900	28	446	45	0	0	900
12-14	52.7	9.600	900	14	554	83	8	0	900
15-17	53.0	9.396	900	8	565	79	10	0	900
18-20	50.9	9.267	900	23	487	35	2	0	900
21-23	48.4	9.214	900	38	384	12	0	0	900
ALL HOURS	49.0	9.767	7200	315	3313	261	20	0	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVITION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	55.3	8.071	930	0	692	63	6	0	930
03-05	53.7	8.445	930	0	618	44	2	0	930
06-08	56.5	8.046	930	0	737	89	12	0	930
09-11	60.5	7.594	930	0	854	205	45	0	930
12-14	62.0	7.334	930	0	894	292	65	0	930
15-17	62.1	7.074	930	0	902	274	55	2	930
18-20	60.2	7.282	930	0	856	188	37	0	930
21-23	57.7	7.556	930	0	763	117	17	0	930
ALL HOURS	58.5	8.256	7440	0	6316	1272	239	2	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVITION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	63.9	6.366	900	0	878	381	43	0	900
03-05	62.4	6.647	900	0	867	303	17	0	900
06-08	65.0	6.238	900	0	890	411	96	0	900
09-11	68.3	6.064	900	0	900	559	263	2	900
12-14	69.4	5.821	900	0	900	627	322	5	900
15-17	69.4	5.694	900	0	900	635	311	8	900
18-20	68.2	5.762	900	0	900	572	231	3	900
21-23	65.8	6.021	900	0	895	453	104	0	900
ALL HOURS	66.6	6.579	7200	0	7130	3941	1387	18	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	68.7	5.250	930	0	930	639	243	0	930
03-05	67.4	5.371	930	0	930	580	145	0	930
06-08	69.6	5.068	930	0	930	700	298	3	930
09-11	73.2	4.832	930	0	930	837	544	57	930
12-14	74.1	4.834	930	0	930	858	609	115	930
15-17	73.9	4.860	930	0	930	858	570	109	930
18-20	72.8	4.814	930	0	930	819	496	59	930
21-23	70.6	4.889	930	0	930	737	371	7	930
ALL HOURS	71.3	5.507	7440	0	7440	6028	3276	350	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	66.4	5.965	930	0	924	512	163	0	930
03-05	65.0	6.235	930	0	918	427	84	0	930
06-08	66.8	6.273	930	0	921	519	190	0	930
09-11	71.1	5.588	930	0	930	728	410	36	930
12-14	72.2	5.550	929	0	929	779	490	67	929
15-17	71.8	5.389	930	0	930	770	449	47	930
18-20	70.6	5.522	930	0	930	706	377	25	930
21-23	68.1	5.775	930	0	929	591	245	0	930
ALL HOURS	69.0	6.322	7439	0	7411	5032	2408	175	7439



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724738

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.1	8.417	900	0	761	215	23	0	900
03-05	57.7	8.682	899	0	727	174	11	0	899
06-08	59.0	8.724	900	0	764	212	29	0	900
09-11	64.0	7.965	900	0	854	363	157	0	900
12-14	65.6	7.987	900	0	866	453	197	3	900
15-17	65.4	7.895	900	0	873	437	194	4	900
18-20	63.1	8.022	900	0	838	332	96	1	900
21-23	60.5	8.188	900	0	800	244	38	0	900
ALL HOURS	61.8	8.754	7199	0	6483	2430	745	8	7199

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.3	9.483	929	22	387	22	1	0	929
03-05	46.9	9.679	930	48	355	14	0	0	930
06-08	47.5	9.607	930	46	370	13	3	0	930
09-11	52.7	8.865	930	6	561	67	13	0	930
12-14	55.0	8.851	930	0	631	110	14	0	930
15-17	54.8	8.776	930	2	633	96	12	0	930
18-20	52.0	8.985	929	6	536	46	2	0	929
21-23	49.9	9.120	930	12	441	23	1	0	930
ALL HOURS	50.9	9.666	7438	142	3914	391	46	0	7438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	39.8	10.435	900	241	155	0	0	0	900
03-05	38.8	10.469	900	276	147	0	0	0	900
06-08	38.6	10.458	900	280	144	0	0	0	900
09-11	42.4	9.913	900	125	200	4	0	0	900
12-14	45.0	9.734	900	64	276	14	0	0	900
15-17	44.5	9.596	900	78	254	15	0	0	900
18-20	42.1	9.745	897	142	203	8	0	0	897
21-23	40.6	10.059	897	197	175	3	0	0	897
ALL HOURS	41.5	10.295	7194	1403	1554	44	0	0	7194

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	30.3	12.085	930	546	64	0	0	0	930
03-05	29.5	12.398	930	583	59	0	0	0	930
06-08	29.0	12.705	930	592	66	0	0	0	930
09-11	31.7	12.211	930	498	68	2	0	0	930
12-14	34.3	11.940	930	395	93	3	0	0	930
15-17	34.2	11.515	930	397	89	3	0	0	930
18-20	32.1	11.350	928	476	60	3	0	0	928
21-23	30.9	11.577	930	523	56	1	0	0	930
ALL HOURS	31.5	12.123	7438	4010	555	12	0	0	7438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	47.6	17.255	10958	2400	5254	1835	479	0	10958
03-05	46.3	17.226	10958	2596	5011	1542	259	0	10958
06-08	47.2	18.123	10959	2600	5243	1948	628	3	10959
09-11	51.1	18.272	10957	1940	5969	2814	1432	95	10957
12-14	53.2	17.626	10956	1514	6433	3232	1705	190	10956
15-17	53.2	17.347	10959	1494	6467	3179	1601	170	10959
18-20	51.2	17.631	10952	1851	6016	2711	1241	88	10952
21-23	49.2	17.356	10955	2156	5571	2181	776	7	10955
ALL HOURS	49.9	17.789	87654	16551	45964	19442	8121	553	87654

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	20.2	13.390	930	662	77	928	0	930
03-05	19.4	13.636	930	687	70	930	0	930
06-08	19.0	13.848	930	693	63	930	0	930
09-11	20.5	13.953	930	608	74	927	0	930
12-14	21.3	14.115	930	592	103	926	0	930
15-17	21.6	14.037	930	593	110	926	0	930
18-20	21.3	13.696	930	603	97	930	0	930
21-23	21.0	13.600	930	627	96	928	0	930
ALL HOURS	20.5	13.830	7440	5065	690	7425	0	7440

MONTH: FEB

00-02	23.1	13.758	849	513	115	845	0	847
03-05	22.2	14.052	849	534	108	845	0	847
06-08	21.8	14.110	849	537	100	846	0	847
09-11	23.7	14.067	847	480	136	843	0	847
12-14	25.0	13.927	847	462	167	839	0	847
15-17	25.3	14.076	849	462	170	835	0	847
18-20	24.7	13.784	848	468	148	835	0	847
21-23	24.0	13.547	849	489	125	844	0	847
ALL HOURS	23.7	13.975	6787	3945	1069	6732	0	6787

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	32.5	10.746	930	315	320	917	0	930
03-05	31.8	10.970	930	335	303	913	0	930
06-08	31.9	11.080	930	324	301	908	2	930
09-11	33.4	11.803	930	271	351	903	3	930
12-14	34.1	12.360	930	300	376	886	5	930
15-17	34.2	12.202	930	301	383	890	4	930
18-20	34.2	11.509	930	284	382	901	5	930
21-23	33.7	10.977	929	280	356	910	0	929
ALL HOURS	33.2	11.525	7439	2410	2772	7228	19	7439

MONTH: APR

00-02	40.6	10.855	900	99	571	800	1	900
03-05	39.6	10.776	900	108	527	819	0	900
06-08	40.8	10.735	900	91	563	802	0	900
09-11	42.1	11.984	900	100	599	754	11	900
12-14	42.7	12.395	900	100	601	725	27	900
15-17	42.3	12.433	900	104	584	737	28	900
18-20	42.4	11.883	900	100	602	747	16	900
21-23	42.4	11.092	900	79	611	766	4	900
ALL HOURS	41.6	11.596	7200	781	4658	6150	87	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.6	9.691	930	7	866	582	79	930
03-05	50.5	9.977	930	11	843	599	55	930
06-08	52.4	9.722	930	4	873	543	98	930
09-11	53.6	10.244	930	8	881	510	149	930
12-14	53.6	10.243	930	6	883	505	156	930
15-17	53.2	10.269	930	8	876	504	125	930
18-20	53.3	9.793	930	6	883	506	129	930
21-23	53.1	9.334	930	4	891	531	115	930
ALL HOURS	52.7	9.982	7440	54	6996	4280	906	7440

MONTH: JUN

00-02	61.0	7.521	900	0	897	209	373	900
03-05	60.0	7.620	900	0	897	260	329	900
06-08	61.7	7.446	900	0	897	196	370	900
09-11	62.6	8.164	900	0	899	178	441	900
12-14	62.2	8.334	900	0	900	193	429	900
15-17	61.9	8.335	900	0	900	207	423	900
18-20	62.5	8.012	900	0	900	181	431	900
21-23	62.3	7.433	900	0	898	165	413	900
ALL HOURS	61.8	7.939	7200	0	7188	1589	3209	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	66.5	5.975	930	0	930	58	626	930
03-05	65.5	6.018	930	0	930	76	598	930
06-08	67.1	5.818	930	0	930	45	673	930
09-11	68.6	6.285	930	0	930	41	715	930
12-14	68.1	6.637	930	0	930	46	699	930
15-17	67.7	6.658	930	0	930	51	671	930
18-20	68.4	6.118	930	0	930	31	699	930
21-23	68.0	5.607	930	0	930	28	680	930
ALL HOURS	67.5	6.287	7440	0	7440	376	5361	7440

MONTH: AUG

00-02	64.1	6.553	930	0	930	109	507	929
03-05	63.0	6.790	930	0	930	147	448	929
06-08	64.4	6.806	930	0	930	106	500	929
09-11	66.4	7.021	930	0	930	59	581	929
12-14	65.8	7.529	929	0	929	75	560	929
15-17	65.1	7.570	930	0	929	95	542	929
18-20	66.3	6.730	930	0	930	59	589	929
21-23	65.3	6.431	930	0	930	70	556	929
ALL HOURS	65.1	7.058	7439	0	7438	720	4283	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	56.3	9.363	900	0	879	393	224	900
03-05	55.2	9.586	899	1	870	451	191	899
06-08	56.2	9.633	900	3	877	424	220	900
09-11	58.4	9.966	900	1	875	321	278	900
12-14	57.8	10.583	900	3	869	355	297	900
15-17	57.4	10.634	900	3	870	375	285	900
18-20	58.3	9.631	900	2	877	319	277	900
21-23	57.2	9.271	900	0	877	371	239	900
ALL HOURS	57.1	9.928	7199	13	6994	3009	2011	7199

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.2	11.157	929	47	669	751	27	930
03-05	43.3	11.126	930	57	638	777	16	930
06-08	43.9	11.051	930	45	675	774	24	930
09-11	46.2	11.421	930	30	733	710	71	930
12-14	45.9	12.186	930	47	677	694	78	930
15-17	45.5	12.412	930	58	663	707	69	930
18-20	46.1	11.384	929	36	714	704	46	930
21-23	45.3	10.993	930	39	718	723	33	930
ALL HOURS	45.0	11.536	7438	359	5487	5840	364	7438



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	35.0	12.254	900	255	365	822	0	900
03-05	34.5	12.258	900	269	351	829	0	900
06-08	34.4	12.170	900	271	345	834	2	900
09-11	36.4	12.002	900	209	388	823	9	900
12-14	36.8	12.196	900	215	411	820	16	900
15-17	36.2	12.166	900	223	398	826	13	900
18-20	35.9	11.789	897	206	376	827	8	897
21-23	35.3	11.952	897	248	360	825	4	897
ALL HOURS	35.6	12.145	7194	1896	2994	6606	52	7194

MONTH: DEC

00-02	25.3	14.318	930	530	158	906	0	930
03-05	24.6	14.583	930	549	152	910	1	930
06-08	24.2	14.914	930	556	144	906	2	930
09-11	25.7	14.702	930	497	166	896	3	930
12-14	26.4	14.669	930	479	182	893	3	930
15-17	26.3	14.434	930	488	184	895	3	930
18-20	25.9	13.987	928	517	177	899	3	930
21-23	25.5	13.826	930	520	147	905	1	930
ALL HOURS	25.5	14.466	7438	4136	1310	7210	16	7438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.5	19.113	10958	2428	6777	7320	1837	10958
03-05	42.6	19.093	10958	2551	6619	7556	1638	10958
06-08	43.3	19.746	10959	2524	6698	7314	1891	10959
09-11	44.9	19.890	10957	2204	6962	6965	2261	10957
12-14	45.1	19.581	10956	2204	7028	6957	2270	10956
15-17	44.8	19.385	10959	2240	6997	7048	2163	10959
18-20	45.0	19.481	10952	2222	7016	6939	2203	10952
21-23	44.5	19.256	10955	2286	6939	7065	2045	10955
ALL HOURS	44.2	19.465	87654	18659	55036	57165	16308	87654

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBE: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%	90%					
00-02	100.0	100.0	99.8	96.7	91.2	76.9	53.0	27.8	11.6	70.2		930
03-05	100.0	100.0	99.9	97.2	91.6	77.0	56.6	30.1	11.4	71.0		930
06-08	100.0	100.0	99.9	97.4	92.5	79.4	58.1	31.6	12.3	71.7		930
09-11	100.0	100.0	99.6	94.6	83.7	62.6	40.5	21.4	8.3	65.6		930
12-14	100.0	99.8	96.8	83.5	61.7	40.8	25.3	14.4	5.6	57.4		930
15-17	100.0	99.8	96.5	82.5	60.2	38.5	24.1	15.6	5.4	56.7		930
18-20	100.0	100.0	99.0	93.1	80.6	56.9	35.9	19.1	8.0	63.9		930
21-23	100.0	100.0	99.7	96.7	88.5	69.5	46.1	22.5	10.1	67.8		930
ALL HOURS	100.0	99.9	98.9	92.7	81.3	62.7	42.4	22.8	9.1	65.5		7440

MONTH: FEB

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	95.9	82.0	58.8	30.5	11.3	72.6	849
03-05	100.0	100.0	100.0	99.8	97.1	84.7	64.1	34.4	13.3	74.1	849
06-08	100.0	100.0	99.9	99.5	97.6	87.6	63.7	37.0	13.2	74.6	849
09-11	100.0	100.0	100.0	96.6	86.3	65.5	43.3	22.8	9.9	67.3	847
12-14	100.0	100.0	97.4	87.0	66.2	43.4	29.6	16.3	7.0	59.4	847
15-17	100.0	100.0	96.8	82.3	60.7	42.5	25.9	16.1	6.5	57.6	849
18-20	100.0	100.0	99.8	94.9	83.1	59.1	36.6	20.4	7.1	64.8	848
21-23	100.0	100.0	100.0	98.9	92.6	74.3	48.3	23.3	7.7	69.4	849
ALL HOURS	100.0	100.0	99.2	94.9	84.9	67.4	46.3	25.1	9.5	67.5	6787

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	100.0	99.8	93.2	81.3	55.8	32.3	11.3	71.9		930
03-05	100.0	100.0	100.0	99.8	96.3	86.0	63.1	36.6	13.1	74.1		930
06-08	100.0	100.0	100.0	99.9	97.0	85.1	61.9	36.2	11.3	74.0		930
09-11	100.0	100.0	99.9	93.9	75.2	54.8	37.2	21.1	6.9	63.3		930
12-14	100.0	99.9	95.1	76.6	54.5	39.4	27.1	15.9	4.9	55.7		930
15-17	100.0	99.9	91.5	71.0	51.9	35.7	25.6	14.8	4.5	54.1		930
18-20	100.0	100.0	99.1	90.2	70.9	52.4	34.8	19.1	7.0	61.7		930
21-23	100.0	100.0	99.6	98.2	88.1	69.4	47.5	27.6	9.8	68.5		929
ALL HOURS	100.0	100.0	98.1	91.2	78.4	63.0	44.1	25.4	8.6	65.4		7439

MONTH: APR

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	98.0	89.8	74.2	50.9	25.0	6.8	68.8	900
03-05	100.0	100.0	100.0	99.4	94.2	81.6	59.9	30.3	7.7	71.7	900
06-08	100.0	100.0	100.0	98.9	91.9	75.6	51.1	26.9	6.6	69.5	900
09-11	100.0	100.0	95.8	81.1	61.9	40.8	22.4	11.3	3.1	56.1	900
12-14	100.0	99.2	88.8	63.4	44.2	26.3	17.0	7.9	2.7	49.4	900
15-17	100.0	99.1	84.9	59.3	40.2	24.4	14.2	8.0	1.6	47.4	900
18-20	100.0	100.0	94.7	79.6	59.2	39.0	22.1	12.4	3.7	55.4	900
21-23	100.0	100.0	99.7	96.0	86.2	63.1	39.6	19.9	5.7	65.3	900
ALL HOURS	100.0	99.8	95.5	84.5	71.0	53.1	34.7	17.7	4.7	60.5	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	100.0	99.5	97.1	87.2	67.5	41.7	13.1	75.1		930
03-05	100.0	100.0	99.9	99.5	98.3	93.9	76.9	52.5	20.2	78.5		930
06-08	100.0	100.0	100.0	99.6	94.0	82.2	62.2	36.5	13.3	73.0		930
09-11	100.0	99.9	98.2	86.0	68.3	47.3	27.7	12.4	3.2	58.7		930
12-14	100.0	99.5	93.3	71.8	48.1	31.4	16.5	8.0	1.7	51.6		930
15-17	100.0	98.9	90.3	66.0	45.3	28.3	16.3	8.0	2.0	50.0		930
18-20	100.0	99.9	98.1	86.3	66.8	47.5	27.4	12.2	3.0	58.6		930
21-23	100.0	100.0	100.0	98.9	92.4	75.4	53.0	25.2	8.4	69.8		930
ALL HOURS	100.0	99.8	97.5	88.5	76.3	61.6	43.4	24.5	8.1	64.4		7440

MONTH: JUN

00-02	100.0	100.0	100.0	99.9	98.2	92.7	77.8	49.8	20.1	78.2		900
03-05	100.0	100.0	100.0	100.0	99.3	95.4	84.1	60.7	29.0	81.2		900
06-08	100.0	100.0	100.0	99.4	95.6	88.0	67.8	39.4	15.6	75.0		900
09-11	100.0	100.0	98.6	90.8	76.8	51.6	29.2	9.2	3.3	60.4		900
12-14	100.0	100.0	93.4	81.8	56.0	29.0	12.3	5.3	2.7	52.5		900
15-17	100.0	100.0	92.2	77.8	51.8	28.1	12.8	5.7	1.7	51.5		900
18-20	100.0	100.0	98.0	90.1	75.2	54.2	30.4	12.2	4.0	60.8		900
21-23	100.0	100.0	100.0	99.2	94.7	84.0	62.6	30.7	11.4	73.0		900
ALL HOURS	100.0	100.0	97.8	92.4	80.9	65.4	47.1	26.6	11.0	66.6		7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 8  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.9	97.8	87.8	57.6	20.1	81.0	930
03-05	100.0	100.0	100.0	100.0	100.0	99.5	92.6	70.3	25.8	83.4	930
06-08	100.0	100.0	100.0	100.0	99.1	95.2	80.5	46.3	14.7	78.3	930
09-11	100.0	100.0	99.7	97.4	85.5	63.3	33.1	9.7	1.8	63.4	930
12-14	100.0	100.0	98.0	89.4	64.1	32.7	13.5	3.8	.5	54.8	930
15-17	100.0	100.0	97.2	85.3	60.0	32.3	14.6	4.7	1.0	54.2	930
18-20	100.0	100.0	99.7	97.1	86.6	66.5	38.5	11.4	3.0	65.0	930
21-23	100.0	100.0	100.0	100.0	99.8	95.4	77.7	36.8	9.6	76.8	930
ALL HOURS	100.0	100.0	99.3	96.1	86.9	72.8	54.8	30.1	9.6	69.6	7440

MONTH: AUG

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	99.7	99.0	91.4	53.9	17.4	80.9	930
03-05	100.0	100.0	100.0	100.0	99.9	99.6	95.6	67.7	24.2	83.3	930
06-08	100.0	100.0	100.0	100.0	99.8	97.7	85.4	52.6	17.0	79.9	930
09-11	100.0	100.0	100.0	97.7	85.3	60.0	30.8	11.3	2.9	63.4	930
12-14	100.0	100.0	98.9	87.0	57.9	30.7	12.3	3.6	1.3	53.7	929
15-17	100.0	100.0	98.4	82.5	52.5	27.1	11.8	5.6	1.9	52.7	930
18-20	100.0	100.0	100.0	98.4	91.2	70.8	38.7	15.6	4.1	66.4	930
21-23	100.0	100.0	100.0	100.0	99.9	97.0	75.5	38.7	11.3	76.8	930
ALL HOURS	100.0	100.0	99.7	95.7	85.8	72.7	55.2	31.1	10.0	69.6	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.8	97.8	83.8	51.6	15.9	79.3	900
03-05	100.0	100.0	100.0	100.0	99.6	98.6	89.5	62.4	21.2	81.5	899
06-08	100.0	100.0	100.0	100.0	99.6	96.7	83.8	54.2	17.3	79.6	900
09-11	100.0	100.0	99.7	95.9	81.3	54.1	30.7	12.3	2.4	62.0	900
12-14	100.0	100.0	97.0	79.3	51.7	26.6	12.4	5.1	.8	51.9	900
15-17	100.0	100.0	97.2	74.7	50.1	27.4	14.3	5.9	1.1	51.3	900
18-20	100.0	100.0	99.8	98.2	90.4	70.8	43.4	16.0	3.6	66.7	900
21-23	100.0	100.0	100.0	99.8	99.1	93.8	71.4	35.9	10.3	75.6	900
ALL HOURS	100.0	100.0	99.2	93.5	83.9	70.7	53.7	30.4	9.1	68.5	7199

MONTH: OCT

00-02	100.0	100.0	99.9	98.8	94.6	86.4	68.7	41.4	15.5	75.0	929
03-05	100.0	100.0	100.0	99.0	97.8	91.8	75.9	48.2	16.1	77.5	930
06-08	100.0	100.0	100.0	99.5	98.5	92.5	76.3	48.4	18.4	77.9	930
09-11	100.0	100.0	99.1	91.2	73.3	51.7	35.7	23.5	9.6	63.0	930
12-14	100.0	100.0	93.3	67.5	43.3	32.0	24.1	15.1	4.2	52.5	930
15-17	100.0	100.0	91.7	64.9	43.9	32.0	24.3	13.4	4.4	52.0	930
18-20	100.0	100.0	99.9	95.9	81.9	61.0	41.3	23.7	9.0	65.6	929
21-23	100.0	100.0	99.9	98.9	93.0	81.1	58.7	36.0	14.0	72.4	930
ALL HOURS	100.0	100.0	98.0	89.5	78.3	66.1	50.6	31.2	11.4	67.0	7438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	98.4	93.3	80.1	60.4	35.1	13.4	72.7	900
03-05	100.0	100.0	100.0	99.3	96.4	86.2	63.7	40.1	17.2	74.9	900
06-08	100.0	100.0	100.0	100.0	97.0	87.2	65.2	41.9	16.2	75.6	900
09-11	100.0	100.0	99.4	95.7	83.0	65.2	41.9	26.8	12.0	67.1	900
12-14	100.0	99.8	96.3	81.9	61.6	44.1	30.1	18.7	8.0	58.6	900
15-17	100.0	99.6	94.7	81.1	61.1	43.8	30.1	18.3	7.9	58.1	900
18-20	100.0	100.0	98.9	95.4	84.7	64.5	43.4	24.4	9.0	66.4	897
21-23	100.0	100.0	99.8	96.8	91.0	75.5	53.6	29.3	11.6	70.3	897
ALL HOURS	100.0	99.9	98.6	93.6	83.6	68.3	48.6	29.3	11.9	68.0	7194

MONTH: DEC

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	98.7	95.4	80.9	59.5	35.4	13.3	72.9	930
03-05	100.0	100.0	99.9	98.7	96.0	84.4	61.6	35.4	14.3	73.9	930
06-08	100.0	100.0	100.0	98.5	95.2	87.1	62.3	33.7	14.4	74.1	930
09-11	100.0	100.0	100.0	97.1	88.1	70.0	47.5	27.4	9.8	68.7	930
12-14	100.0	100.0	98.8	86.9	68.7	48.8	34.4	19.9	8.6	61.4	930
15-17	100.0	100.0	98.5	85.7	69.1	50.1	33.9	19.9	10.2	61.5	930
18-20	100.0	100.0	99.9	96.9	86.1	65.4	46.0	26.0	10.9	67.9	928
21-23	100.0	100.0	100.0	98.6	93.1	75.7	53.5	29.8	12.0	71.1	930
ALL HOURS	100.0	100.0	99.6	95.1	86.5	70.3	49.8	28.7	11.7	68.9	7438



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.1	95.7	86.4	68.0	40.2	14.2	74.9	10958
03-05	100.0	100.0	100.0	99.4	97.2	89.9	73.7	47.5	17.8	77.1	10958
06-08	100.0	100.0	100.0	99.4	96.5	87.9	68.2	40.6	14.2	75.3	10959
09-11	100.0	100.0	99.2	93.2	79.0	57.2	35.0	17.4	6.1	63.2	10957
12-14	100.0	99.8	95.6	79.7	56.5	35.4	21.2	11.1	4.0	54.9	10956
15-17	100.0	99.8	94.2	76.1	53.9	34.2	20.7	11.3	4.0	53.9	10959
18-20	100.0	100.0	98.9	93.0	79.7	59.0	36.6	17.7	6.0	63.6	10952
21-23	100.0	100.0	99.9	98.5	93.2	79.6	57.4	29.7	10.2	71.4	10955
ALL HOURS	100.0	99.9	98.5	92.3	81.5	66.2	47.6	26.9	9.6	66.8	87654

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1021.3	1020.5	1016.6	1014.2	1014.3	1014.4	1015.7	1016.3	1017.8	1019.1	1018.3	1021.1	1017.5
	SD	8.243	8.918	8.295	6.817	4.897	3.868	3.220	3.513	4.564	5.597	8.131	9.063	7.056
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
0300	MEAN	1021.2	1020.2	1016.3	1013.9	1014.1	1014.3	1015.5	1016.0	1017.7	1019.1	1018.2	1021.1	1017.3
	SD	8.323	9.108	8.449	6.860	5.040	3.913	3.324	3.623	4.746	5.718	8.277	9.218	7.189
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	1021.4	1020.6	1016.9	1014.7	1015.0	1015.3	1016.5	1016.9	1018.5	1019.8	1018.6	1021.3	1018.0
	SD	8.424	9.201	8.606	7.073	5.251	4.034	3.372	3.686	4.882	5.769	8.495	9.215	7.217
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
0900	MEAN	1022.5	1021.6	1017.8	1015.4	1015.6	1015.7	1017.0	1017.5	1019.3	1020.7	1019.5	1022.3	1018.7
	SD	8.458	9.294	8.814	7.058	5.295	4.085	3.438	3.719	5.001	5.847	8.549	9.271	7.344
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	1021.7	1021.1	1017.2	1014.8	1014.8	1015.2	1016.5	1016.9	1018.3	1019.7	1018.4	1021.5	1018.0
	SD	8.412	9.302	8.731	6.946	5.189	3.933	3.329	3.643	4.905	5.800	8.423	9.106	7.237
	TOT OBS	310	283	310	300	310	300	311	310	300	310	300	310	3654
1500	MEAN	1020.2	1019.5	1015.6	1013.2	1013.5	1013.8	1015.2	1015.5	1016.8	1018.3	1017.2	1020.4	1016.6
	SD	8.320	9.211	8.401	6.762	5.040	3.878	3.280	3.588	4.813	5.739	8.229	8.876	7.108
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1800	MEAN	1020.8	1019.9	1015.7	1013.1	1013.1	1013.3	1014.6	1015.1	1016.7	1018.5	1017.8	1021.1	1016.6
	SD	8.185	8.964	8.136	6.609	4.896	3.786	3.130	3.536	4.713	5.755	8.006	8.700	7.111
	TOT OBS	310	283	310	300	310	300	310	310	300	310	299	310	3652
2100	MEAN	1021.3	1020.6	1016.6	1014.1	1014.1	1014.3	1015.6	1016.1	1017.7	1019.2	1018.3	1021.4	1017.4
	SD	8.172	8.950	8.011	6.700	4.775	3.769	3.164	3.516	4.488	5.727	8.061	8.836	7.018
	TOT OBS	310	283	310	300	310	300	310	310	300	310	299	310	3652
ALL HOURS	MEAN	1021.3	1020.5	1016.6	1014.2	1014.3	1014.5	1015.8	1016.3	1017.8	1019.3	1018.3	1021.3	1017.5
	SD	8.340	9.141	8.463	6.893	5.106	3.983	3.364	3.682	4.834	5.791	8.297	9.052	7.192
	TOT OBS	2480	2263	2480	2400	2480	2400	2480	2480	2399	2480	2398	2480	29220

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.14	30.12	30.01	29.95	29.96	29.97	30.01	30.02	30.06	30.10	30.07	30.14	30.05
	SD	.239	.257	.240	.199	.143	.113	.093	.101	.131	.162	.236	.262	.202
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
0300	MEAN	30.14	30.11	30.00	29.94	29.95	29.96	30.00	30.01	30.06	30.09	30.06	30.14	30.04
	SD	.241	.263	.245	.200	.147	.114	.097	.104	.136	.165	.240	.266	.206
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	0.15	30.12	30.02	29.96	29.98	29.99	30.03	30.04	30.08	30.12	30.07	30.14	30.06
	SD	.244	.265	.250	.206	.153	.117	.098	.106	.141	.167	.246	.266	.207
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0900	MEAN	30.18	30.15	30.05	29.98	29.99	30.00	30.04	30.06	30.10	30.14	30.10	30.18	30.08
	SD	.245	.269	.256	.206	.154	.119	.100	.107	.144	.169	.248	.268	.211
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	30.15	30.14	30.03	29.97	29.97	29.99	30.03	30.04	30.08	30.11	30.07	30.15	30.06
	SD	.244	.269	.254	.203	.152	.114	.097	.105	.142	.168	.244	.263	.208
	TOT OBS	310	283	310	300	310	300	311	310	300	310	300	310	3654
1500	MEAN	30.11	30.09	29.99	29.92	29.93	29.95	29.99	30.00	30.03	30.07	30.03	30.12	30.02
	SD	.241	.266	.244	.197	.147	.112	.095	.103	.138	.166	.239	.257	.204
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
1800	MEAN	30.13	30.11	29.99	29.92	29.92	29.93	29.97	29.98	30.03	30.07	30.05	30.14	30.02
	SD	.237	.259	.236	.193	.143	.110	.091	.102	.136	.166	.232	.251	.204
	TOT OBS	310	283	310	300	310	299	310	310	300	310	299	310	3651
2100	MEAN	30.14	30.12	30.01	29.95	29.95	29.96	30.00	30.02	30.06	30.10	30.06	30.15	30.04
	SD	.237	.259	.232	.195	.139	.110	.092	.101	.129	.166	.234	.255	.201
	TOT OBS	310	283	310	300	310	300	310	310	300	310	299	310	3652
ALL HOURS	MEAN	30.14	30.12	30.01	29.95	29.96	29.97	30.01	30.02	30.06	30.10	30.06	30.14	30.05
	SD	.242	.264	.246	.201	.149	.116	.098	.106	.139	.168	.241	.262	.206
	TOT OBS	2480	2263	2480	2400	2480	2399	2481	2480	2398	2480	2398	2480	29219

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.65	29.63	29.52	29.46	29.47	29.47	29.52	29.53	29.57	29.60	29.57	29.65	29.55
	SD	.235	.253	.237	.197	.142	.112	.093	.100	.129	.159	.232	.258	.199
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
0300	MEAN	29.65	29.62	29.51	29.45	29.46	29.47	29.51	29.52	29.57	29.60	29.57	29.65	29.55
	SD	.237	.259	.242	.199	.146	.113	.096	.103	.134	.162	.236	.262	.203
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	29.65	29.63	29.53	29.47	29.49	29.50	29.54	29.55	29.59	29.62	29.58	29.65	29.57
	SD	.240	.261	.247	.204	.151	.117	.097	.105	.138	.163	.242	.262	.204
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0900	MEAN	29.68	29.66	29.56	29.49	29.50	29.51	29.55	29.57	29.61	29.65	29.61	29.68	29.59
	SD	.241	.265	.253	.204	.153	.118	.099	.105	.141	.166	.244	.264	.208
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	29.66	29.65	29.54	29.48	29.48	29.50	29.54	29.55	29.59	29.62	29.58	29.66	29.57
	SD	.240	.265	.250	.201	.150	.114	.096	.104	.139	.165	.241	.259	.205
	TOT OBS	310	283	310	300	310	300	311	310	300	310	300	310	3654
1500	MEAN	29.62	29.60	29.49	29.43	29.44	29.46	29.50	29.51	29.54	29.58	29.54	29.63	29.53
	SD	.237	.262	.241	.196	.147	.112	.094	.103	.135	.163	.236	.253	.201
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
1800	MEAN	29.64	29.61	29.50	29.43	29.43	29.44	29.48	29.49	29.54	29.58	29.56	29.64	29.53
	SD	.233	.255	.233	.191	.142	.110	.091	.101	.134	.164	.229	.247	.201
	TOT OBS	310	283	310	300	310	299	310	310	300	310	299	310	3651
2100	MEAN	29.65	29.63	29.52	29.46	29.46	29.47	29.51	29.53	29.57	29.60	29.57	29.65	29.55
	SD	.233	.255	.229	.193	.139	.109	.091	.100	.127	.163	.230	.251	.198
	TOT OBS	310	283	310	300	310	300	310	310	300	310	299	310	3652
ALL HOURS	MEAN	29.65	29.63	29.52	29.46	29.47	29.48	29.52	29.53	29.57	29.61	29.57	29.65	29.55
	SD	.238	.260	.242	.199	.148	.115	.097	.105	.136	.164	.237	.258	.203
	TOT OBS	2480	2263	2480	2400	2480	2399	2481	2480	2398	2480	2398	2480	29219

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	GGGGG
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPP	AA AA	RRRRRRR	TT	GG
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.



OPERATING LOCATION "A"  
USAFETAC, ASHLEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 135-315

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JAN

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.3			930	.1			930	.2			930
CATEGORY B	1.3	.3	.1	995	1.3	.4	.1	1024	.8	.4	.1	1046	2.5	.3		1018

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5	.1		930	.2			930	.2			930				930
CATEGORY B	3.9	1.0	.2	997	1.7	.6		1014	2.2	.1	.1	983	1.7			990

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0		4650	.2	.0		7440
CATEGORY B	2.2	.5	.1	5058	1.9	.4	.1	8067

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 15

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: FEB

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....  
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....  
TIME (LST) | 0000 - 0200 0300 - 0500 0600 - 0800 0900 - 1100  
SPEED (KTS) | GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS  
CATEGORY A | .1 849 .5 849 .1 849 .4 849  
CATEGORY B | 2.1 .8 .1 925 1.5 .4 .1 925 1.4 .5 .1 983 1.6 .5 977  
.....

.....  
TIME (LST) | 1200 - 1400 1500 - 1700 1800 - 2000 2100 - 2300  
SPEED (KTS) | GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS  
CATEGORY A | .8 .2 849 .2 .1 849 .1 .1 849 .5 849  
CATEGORY B | 2.4 1.1 .3 927 1.6 .6 .2 940 2.2 .8 .3 919 1.8 .9 .2 928  
.....

.....  
TIME (LST) | 0600 - 2000 ALL HOURS  
SPEED KTS | GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS  
CATEGORY A | .3 .1 4245 .3 .1 6792  
CATEGORY B | 1.8 .7 .2 4746 1.8 .7 .2 7524  
.....

OPERATING LOCATION "A"  
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 135-315

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			930	.5			930	.3			930	1.4			930
CATEGORY B	3.6	1.0	.1	980	4.5	1.1	.2	1004	3.4	.8	.2	1016	7.4	2.6	.8	1019

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.5	.3		930	1.3			930	.4			930	.6			930
CATEGORY B	10.6	3.2	.5	991	7.4	2.4	.7	1009	5.0	1.6	.4	987	3.0	.7	.2	971

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0	.1		4650	.8	.0		7440
CATEGORY B	6.8	2.1	.5	5022	5.6	1.7	.4	7977

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 105

STATION NUMBER: 724338 STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MNTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.3	.1	900	.2	.1	.1	900	.3			900	.3	.1		900
CATEGORY B	2.5	.8	.6	945	1.9	.9	.4	966	3.0	.6	.3	961	6.1	.7	.3	942

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9	.1		900	.7			900	.1			900	.4	.1		900
CATEGORY B	9.1	1.6	.4	932	6.6	1.5		954	4.1	1.2	.1	943	2.5	1.2	.6	945

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5	.0		4500	.4	.1	.0	7200
CATEGORY B	5.8	1.1	.2	4732	4.5	1.1	.4	7588

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 135-315

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: MAY

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.1			930	.2			930	.4			930
CATEGORY B	.2			994	.3			1006	1.2	.1		1008	4.1	.9	.3	995

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.1		930	.2			930	.4	.1		930				930
CATEGORY B	6.3	1.1	.2	984	5.9	1.0	.2	964	2.1	.9	.3	962	.6	.2	.1	949

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		4650	.3	.0		7440
CATEGORY B	3.9	.8	.2	4913	2.6	.5	.1	7862

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 15

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUN

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....  
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....  
TIME (LST) | 0000 - 0200 | 0300 - 0500 | 0600 - 0800 | 0900 - 1100  
SPEED (KTS) | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS  
CATEGORY A | .1 .1 900 | 900 | 900 | 900  
CATEGORY B | .9 .2 .2 948 | .3 962 | .7 957 | 3.9 .9 930  
.....

.....  
TIME (LST) | 1200 - 1400 | 1500 - 1700 | 1800 - 2000 | 2100 - 2300  
SPEED (KTS) | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS  
CATEGORY A | 900 | .1 900 | 900 | 900  
CATEGORY B | 5.2 1.2 .1 943 | 3.7 .8 .2 964 | 1.1 .1 940 | .7 .2 .1 947  
.....

.....  
TIME (LST) | 0600 - 2000 | ALL HOURS  
SPEED KTS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS  
CATEGORY A | .0 4500 | .0 .0 7200  
CATEGORY B | 2.9 .6 .1 4734 | 2.1 .4 .1 7591  
.....

OPERATING LOCATION "A"  
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 135-315

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.1			970	.6	.2		1042	.3	.3		1036	.8	.1		985

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.4	.2		930				930				930
CATEGORY B	1.2	.5	.1	989	2.2	1.1	.7	1033	.1	.1		981				953

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0		4650	.1	.0		7440
CATEGORY B	.9	.4	.2	5024	.7	.3	.1	7989

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.1			968				998	.2	.1		1018	.1			980

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.4	.1		972	.7	.1		978	.8	.4	.2	976	.1			965

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				4650				7440
CATEGORY B	.4	.1	.0	4924	.3	.1	.0	7855



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 135-315

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900				900	.2			900
CATEGORY B	.2			962	.3			995	.5	.1		1013	2.4	.6	.2	969

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			900	.2			900				900				900
CATEGORY B	3.1	.8	.1	953	2.5	.6	.2	949	.7	.3	.1	948	.3			949

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			4500	.1			7200
CATEGORY B	1.8	.5	.1	4832	1.3	.3	.1	7738

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 17

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930				930	.2	.1		930
CATEGORY B	.5	.3		1013	.5			1037	.9	.1		1047	2.1	.6		1012

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.			930				930				930	.1			930
CATEGORY B	4.8	.8	.1	998	2.0	.4		1005	.7	.3		996	1.5	.3		1015

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0		4650	.1	.0		7440
CATEGORY B	2.1	.4	.0	5058	1.6	.3	.0	8123

OPERATING LOCATION "A"  
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 135-315

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			900	.2			900	.1			900	.4	.2		900
CATEGORY B	1.7	.5	.2	1015	1.4	.5	.2	1040	1.2	.4	.3	1052	2.7	.6	.2	1073

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0			900	.6	.2		900	.2			897	.4	.1	.1	897
CATEGORY B	6.0	1.8	.1	1013	4.1	1.7	.6	1016	2.5	1.0	.3	991	2.7	1.1	.4	1017

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5	.1		4497	.4	.1	.0	7194
CATEGORY B	3.3	1.1	.3	5145	2.8	.9	.3	8217

OPERATING LOCATION "A"  
USAFETA, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 13

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930	.5	.3	.1	930	.9	.2		930	.8			930
CATEGORY B	1.3	.3	.1	1003	1.9	1.1	.8	1003	2.5	1.5	.8	1020	3.9	1.2	.2	1014

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9	.1		930	.3			930	.4			930	.3			930
CATEGORY B	6.2	2.0	.4	1018	3.7	1.6	.2	1010	1.1	.5	.2	1008	1.9	.7	.1	1017

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.1		4650	.5	.1	.0	7440
CATEGORY B	3.5	1.3	.4	5070	2.8	1.1	.3	8093

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 135-315

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: DEC 79 - NOV 89  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0	.0	10959	.2	.0	.0	10959	.2	.0		10959	.4	.0		10959
CATEGORY B	1.2	.3	.1	11718	1.2	.4	.1	12002	1.3	.4	.1	12157	3.1	.7	.2	11914

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.1		10959	.4	.0		10959	.2	.0		10956	.2	.0	.0	10956
CATEGORY B	5.0	1.3	.2	11717	3.5	1.0	.3	11836	1.9	.6	.2	11634	1.4	.4	.1	11646

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0		54792	.3	.0	.0	87666
CATEGORY B	3.0	.8	.2	59258	2.3	.7	.2	94624

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	HHHHHHHHH	
PP	AAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 40 - NOV 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1940	1492	885	678	366	121				76	145	665	771	5199
1941	915	897	763	196	42	2			31	151	559	771	4327
1942	1018	862	560	222	86	14		1	121	199	485	****	3568
1943	996	717	755	306	79	2			68	252	662	1019	4856
1944	877	767	721	323	92	8		4	19	225	544	1127	4707
1945	1114	807	357	242	172	36			39	250	570	1122	4709
1946	946	701	265	202	103	18		7	33	148	507	769	3699
1947	861	1013	855	****	126	8	2		79	87	720	848	4599
1948	1217	922	656	218	82				22	304	532	841	4794
1949	966	780	650	334	39				102	201	523	775	4370
1950	812	776	722	423	53	6		7	44	130	789	1112	4874
1951	987	829	739	432	63	11	2		55	229	783	922	5052
1952	860	700	669	320	85				29	358	550	833	4404
1953	895	692	549	400	78				21	184	541	866	4226
1954	981	579	697	166	174	9		2	12	279	557	861	4317
1955	961	795	618	120	29	20			10	253	679	970	4455
1956	1100	772	625	369	80	13			30	89	600	762	4440
1957	1142	674	635	285	74	2			28	295	614	719	4468
1958	999	1057	785	271	61	5		2	37	205	481	1060	4963
1959	1142	795	583	276	54				31	248	772	765	4666
1960	927	954	1039	224	138	6			16	249	594	1059	5206
1961	1145	797	577	437	214	19		2	63	237	631	1003	5125
1962	1222	805	803	372	20	2			68	197	625	1047	5161
1963	1329	1044	520	272	109	5		8	38	71	555	1302	5253
1964	961	907	715	237	41	4		6	51	326	544	1002	4794
1965	1037	852	912	264	21			11	48	293	501	725	4664



1966	1221	925	588	405	175	6			97	378	563	936	5294
1967	938	937	522	242	157	7	2	14	55	236	625	847	4582
1968	1082	966	556	247	102			2	16	245	587	898	4701
1969	1043	799	831	286	82	11			52	343	691	1023	5166
1970	1310	907	759	264	55	15			23	282	640	777	5032

1971	1029	835	487	295	116				31	70	516	650	4289
1972	1021	839	540	228	54	6	2		16	254	683	975	4618
1973	972	041	***	312	104				24	156	465	1020	3914
1974	1630	775	505	238	63	12			110	218	571	879	4401
1975	919	848	714	297	24		1		80	200	480	877	4440

1976	1057	625	477	301	163				35	441	820	1083	5000
1977	1401	822	463	173	35	2			5	284	530	1002	4797
1978	1325	1160	818	276	159	8			35	329	513	919	5542
1979	1453	1171	643	361	110			4	42	266	671	837	5558
1980	1014	1091	736	340	79	8			36	306	597	891	5098

1981	1043	761	612	141	171				42	299	473	985	4525
1982	1230	1015	573	407	8	4			42	237	568	713	4797
1983	982	785	643	435	100	6			62	216	515	1306	5050
1984	1116	713	811	352	145				100	166	607	733	4743
1985	1288	991	498	216	51	13			58	164	511	1178	4968

1986	948	818	529	188	47			8	11	186	649	919	4303
1987	1047	688	496	259	7				2	369	474	787	4129
1988	1050	909	560	238	24	2			11	348	497	839	4478
1989	710	962	620	301	139	3			80	220	472		3507

MEAN	1065	851	645	287	88	5	0	1	44	236	584	919	
SD	169.14	129.95	140.67	79.45	50.95	7.13	.56	3.21	28.91	81.65	89.58	151.42	

\*\*\*\*SPL 30YR SUMMATION (1951 -1980)\*\*\*\*

MEAN	1088	859	655	290	90	5	0	1	39	250	599	917	
SD	161.47	144.93	136.39	75.99	51.96	5.90	.63	3.53	24.91	84.74	88.76	134.65	

H - 2 - 1A

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724338

STATION NAME: SCOTT AFB IL  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 40 - NOV 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1940			5	29	58	309	402	390	187	65			1445
1941				41	169	349	485	474	255	84			1857
1942				50	102	314	451	341	242	36	7	****	1543
1943			7	14	84	381	478	459	118	14			1555
1944				5	234	419	435	375	169	48	8		1693
1945			16	12	64	214	367	389	196	6	10		1274
1946			11	43	31	328	446	264	141	47	2		1313
1947				****	67	248	338	569	239	78			1539
1948			3	50	40	284	399	365	197	2			1340
1949				5	127	356	475	363	63	51	5		1445
1950	3		3	18	114	275	322	222	108	76	4		1145
1951				38	115	231	398	355	89	48			1274
1952				27	111	531	498	370	162	22	5		1726
1953				14	153	486	485	386	214	56			1794
1954		3		70	62	430	581	463	288	105			2002
1955			3	45	118	221	545	447	247	26	5		1657
1956			3	35	158	346	400	413	166	44	2		1567
1957				70	112	333	467	419	139	8			1548
1958				11	109	218	381	397	185	28	3		1332
1959			2	32	203	335	394	471	204	32			1673
1960			1	46	60	216	274	359	233	18			1207
1961			3	11	29	190	353	328	221	21	3		1159
1962				16	233	255	382	323	105	72			1386
1963			7	38	63	302	356	297	141	104			1308
1964				20	146	316	406	352	167		2		1409
1965				46	151	249	320	292	150	15			1223

1966	3	3	40	223	486	234	79	7		1075
1967	12	62	68	332	381	232	139	55		1281
1968	6	16	63	389	402	376	104	47		1403
1969		2	98	292	454	369	120	30		1365
1970		38	156	214	365	330	233	11		1347

1971	1	30	28	404	338	330	296	72	10	1509
1972	5	38	136	297	378	355	273	20		1502
1973	****	26	35	334	437	385	208	65	3	1493
1974	28	38	137	206	469	309	69	33	1	1290
1975		28	175	351	413	442	145	44	8	1606

1976	8	34	31	220	454	285	84	13		1129
1977	2	42	234	309	480	365	225	2	1	1660
1978	1	10	110	264	403	323	212	3	2	1328
1979		7	73	285	346	310	116	43		1180
1980		7	87	271	564	546	218	34	2	1729

1981	3	64	30	348	438	275	136	9	2	1305
1982	1	2	189	186	451	322	150	63	8	3 1375
1983		2	48	302	526	512	232	26	1	1649
1984		19	43	367	341	369	149	38	1	1327
1985	13	44	100	181	414	317	214	45	3	1331

1986	12	52	166	404	548	295	292	29		1798
1987		33	275	426	461	416	188	3	17	1819
1988	7	17	136	358	457	491	215	19		1700
1989	9	67	98	264	404	336	109	32	2	1321

MEAN	0	0	3	29	109	307	424	368	176	36	2	0
SD	.42	.42	5.49	19.41	61.80	79.10	67.19	77.07	61.16	26.57	3.54	.43

\*\*\*\*SPL 30YR SUMMATION (1951 -1980)\*\*\*\*

MEAN	0	2	30	109	301	420	362	174	35	1
SD	.55	5.67	18.51	57.89	84.19	72.29	69.07	63.91	27.55	2.53

H - 3 - 1A

A W S	STATION NAME: SCOTT AFB IL	FIELD ELEV: 453 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 38 33 N 089 51 W	STATION MSC: 724338
	HOURLY OBS POR: DEC 79 - NOV 89	CALL SIGN: KBLV
	SUMMARY OF DAY POR: JAN 38 - NOV 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: FEB 86
JUN 90	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	75	81	87	93	97	104	110	104	103	95	84	75	110	51
MEAN MAX TEMP (F)	38	43	54	66	76	85	89	87	80	69	54	42	65	51
MEAN TEMP (F)	30	35	44	56	65	75	78	77	69	58	45	35	56	51
MEAN MIN TEMP (F)	22	26	35	46	55	64	68	66	58	47	36	27	46	51
EXTRM MIN TEMP (F)	-19	-11	-3	22	29	44	48	44	27	24	4	-7	-19	51
D/W TEMP GE 90 (F)	0	0	0	#	1	8	14	11	4	1	0	0	39	51
D/W TEMP GE 80 (F)	0	#	1	4	11	23	29	27	16	6	1	0	118	51
D/W TEMP LT 33 (F)	26	21	14	2	#	0	0	0	#	1	12	22	98	51
D/W TEMP LT 10 (F)	5	2	1	0	0	0	0	0	0	0	#	2	10	51
HEATING DEGREE DAYS	1065	851	645	287	88	5	#	1	44	236	586	919	4727	50
COOLING DEGREE DAYS	#	#	3	29	109	307	424	368	176	36	2	#	1454	50
MEAN DEWPOINT TEMP (F)	21	24	33	42	53	62	68	65	57	45	36	26	44	10
MEAN WET BULB TEMP (F)	28	30	40	49	59	67	71	69	62	51	42	32	50	10
99.95% WCPA (FT)	1000	1050	1100	1050	850	750	650	700	750	800	1050	1050	950	10
MEAN REL HUM 07 LST(%)	71.7	74.6	74.0	69.5	73.0	75.0	78.3	79.9	79.6	77.9	75.6	74.1	75.3	10
MEAN REL HUM 13 LST(%)	57.4	59.4	55.7	49.4	51.6	52.5	54.8	53.7	51.9	52.5	58.6	61.4	54.9	10
MAX 24HR PRECIP (IN)	3.58	3.46	2.49	2.94	3.47	8.15	5.49	9.22	3.62	3.97	6.67	3.22	9.22	51
MAX PRECIP (IN)	8.88	8.00	9.96	9.43	9.86	17.16	11.56	21.05	9.46	8.07	10.01	9.05	57.65	51
MEAN PRECIP (IN)	2.12	2.39	3.55	3.77	3.86	4.17	3.81	3.75	3.30	2.88	3.28	2.99	40.27	51
MIN PRECIP (IN)	.12	.31	#	1.06	1.43	.88	.40	.07	.10	.11	.34	.09	20.55	51
D/W PRECIP GE .01 (IN)	8	8	11	11	10	9	8	7	7	8	9	9	105	51
D/W PRECIP GT .50 (IN)	1	2	3	3	3	3	2	2	2	2	2	2	27	51
MAX 24HR SNFL (IN)	12.0	12.1	7.3	9.5	0	0	0	0	0	.2	10.3	13.6	13.6	43
MAX SNFL (IN)	23.2	14.0	20.4	17.3	0	0	0	0	0	.2	12.7	23.1	34.3	43
MEAN SNFL (IN)	5.4	3.9	3.4	.6	0	0	0	0	0	0	1.4	3.1	18.2	43
D/W SNFL GE .1 (IN)	4	3	2	1	0	0	0	0	0	#	1	2	13	43
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	43
MAX DLY SNO DEPTH (IN)	16	18	16	11	0	0	0	0	0	0	20	13	20	43
PRVLNG WND DIR (DEG)	\$29-31	\$32-34	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	10
MEAN WND SPD (KTS)	6	6	7	6	5	4	3	3	4	4	6	6	5	10
MAX WND SPD (KTS)	55	68	66	65	75	62	61	52	49	54	56	51	75	43
SKY COVER GT 5/10 (%)	58.7	61.5	60.8	53.5	52.4	50.1	40.8	38.8	42.5	50.7	57.5	61.6	52.3	10
D/W THUNDERSTORMS	1	1	3	6	7	8	8	7	4	3	2	1	51	40
D/W FOG (VSBY LT 7 MI)	13	13	14	11	14	12	16	18	16	14	13	14	168	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

\*\* = INSTANTANEOUS PEAK WINDS

\* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

CB-1

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	26.0	31.3	21.7	13.6	11.2	6.7	4.9	4.8	8.0	17.3	28.4	31.7	17.1	10
	03 - 05	28.7	35.6	24.0	17.0	16.3	14.0	12.8	14.0	11.2	20.9	30.2	31.7	21.4	10
	06 - 08	31.7	39.2	29.0	19.7	19.7	15.3	17.5	21.3	16.7	24.6	31.9	33.7	25.0	10
	09 - 11	30.9	36.9	28.4	21.1	16.5	9.0	9.4	10.8	12.0	22.7	30.2	34.0	21.8	10
	12 - 14	31.0	30.6	30.2	18.6	13.0	6.6	6.1	5.7	10.8	19.4	28.0	30.8	19.2	10
	15 - 17	27.4	28.6	25.5	14.1	10.6	4.6	4.0	4.1	7.0	16.5	27.1	29.7	16.6	10
	18 - 20	24.7	27.4	22.4	12.4	9.0	4.4	2.2	4.2	5.3	15.7	27.1	30.9	15.5	10
	21 - 23	25.6	27.0	21.1	12.3	9.0	4.0	2.5	3.7	5.2	15.4	27.4	32.3	15.5	10
	ALL	28.3	32.1	25.3	16.1	13.2	8.1	7.4	8.6	9.5	19.0	28.8	31.8	19.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.4	18.7	13.5	8.3	6.9	5.2	3.5	4.4	5.2	11.8	16.7	19.9	10.8	10
	03 - 05	4.6	24.4	15.2	9.4	11.7	11.2	11.0	12.6	8.8	14.8	17.9	0.9	14.4	10
	06 - 08	17.7	28.4	18.9	10.8	14.8	12.6	16.2	19.6	14.3	20.0	22.0	22.0	18.1	10
	09 - 11	15.9	25.8	17.2	8.2	7.2	4.4	4.5	7.3	6.4	17.6	19.8	21.3	13.0	10
	12 - 14	15.8	17.8	14.7	6.3	3.9	2.7	1.2	2.3	4.2	11.7	17.9	19.9	9.9	10
	15 - 17	15.5	14.0	12.4	4.1	4.3	2.3	1.3	1.5	2.9	7.1	15.1	18.4	8.2	10
	18 - 20	12.9	14.1	11.8	6.0	5.1	2.2	1.3	2.9	2.0	7.2	15.2	18.5	8.3	10
	21 - 23	15.1	14.3	12.0	6.1	5.7	2.2	1.2	3.1	2.6	9.8	14.4	19.9	8.9	10
	ALL	15.4	19.7	14.5	7.4	7.4	5.4	5.0	6.7	5.8	12.5	17.4	20.1	11.4	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.3	12.8	8.4	4.3	4.4	2.0	1.7	2.5	2.7	7.2	12.4	14.5	6.9	10
	03 - 05	10.8	18.3	11.3	5.6	7.6	6.0	5.4	6.9	5.1	10.1	13.4	14.3	9.6	10
	06 - 08	12.4	21.1	13.3	6.6	7.7	5.2	7.3	9.5	7.4	13.7	15.3	15.1	11.2	10
	09 - 11	10.8	18.6	12.3	5.4	3.1	2.1	1.7	2.9	2.3	11.7	13.3	14.6	8.2	10
	12 - 14	9.8	11.5	8.2	3.8	1.7	1.6	.4	.2	2.2	6.9	10.7	13.0	5.8	10
	15 - 17	10.6	10.2	8.9	1.8	2.2	.9	.8	.3	1.2	3.8	9.6	12.2	5.2	10
	18 - 20	9.9	11.0	7.5	3.1	2.5	1.1	.5	1.7	1.1	4.3	9.8	13.5	5.5	10
	21 - 23	9.6	10.7	7.4	3.1	2.4	.9	.2	1.4	1.6	5.8	11.3	13.9	5.7	10
	ALL	10.5	14.3	9.7	4.2	4.0	2.5	2.3	3.2	3.0	7.9	12.0	13.9	7.2	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.3	3.7	.6	.9	.8	.1	.4	.2	.1	1.3	1.8	1.2	1.0	10
	03 - 05	1.7	3.5	1.1	1.0	1.5	1.1	.6	.8	.8	1.9	1.8	1.9	1.5	10
	06 - 08	2.5	5.4	1.4	1.0	.6	.9	.4	1.1	1.2	2.6	2.0	1.9	1.7	10
	09 - 11	1.1	4.0	.5	.0	.0	.0	.0	.0	.0	.2	.8	1.7	.7	10
	12 - 14	1.2	1.8	.3	.1	.0	.1	.0	.0	.0	.0	.3	.4	.3	10
	15 - 17	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	.3	10
	18 - 20	.4	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	10
	21 - 23	.5	3.7	.1	.3	.2	.0	.0	.0	.1	.6	1.1	.9	.6	10
	ALL	1.2	3.2	.5	.4	.4	.3	.2	.3	.3	.8	1.1	1.1	.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : NONE

REMARKS : NONE

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